HALO®

RECESSED LIGHTING

SMART LIGHTING | HOUSINGS | TRIMS | LED MODULES

HALO®

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HALO Recessed Lighting

HALO Home Collection

HALO Home is a flexible new approach to smart home lighting. Our system offers a range of Bluetooth fixtures, controls and accessories that work seamlessly together. From a single light to an entire home, your smart lighting search starts and ends here.

HALO Home app

Our user-friendly mobile app lets you control lighting from your fingertips, and from anywhere in the world (with the optional Smart Internet Access Bridge). Available for iOS and Android, it features dimming, adjustable white tuning, grouping, automatic scheduling and more.

HALO HOME EATON

Download on the App Store

GET IT ON Google Play

Voice control compatible

Customize your home lighting with with anywhere in the world access and voice control. HALO Home is compatible with Amazon Alexa and Google Assistant products, when paired with the optional Smart Internet Access Bridge.

works with the Google Assistant

WORKS WITH amazon alexa

Flexible and scalable

HALO Home is a simple and flexible connected option, with the ability to install as little as one smart light or scale up to control the entire home through the easy-to-use HALO Home app.

Adjustable white tuning

Select the perfect color for your mood and beautifully complement your home. The HALO Home smart lighting fixtures provide the ability to adjust color temperatures from 2700K (warm white) to 5000K (daylight).

ML56 Collection

Halo ML56 LED downlight collection is comprised of LED modules with 5" and 6" trims. ML56 LED modules are offered in three lumen packages across the 600, 900, and 1200 Series - a versatile collection of energy-efficient LED downlights for general lighting in commercial and residential applications.
The ML56 LED 600, 900, 1200 Series modules are designed for either new construction or retrofitting existing 5" and 6" compatible housings (Edison screw base adapter included).
Halo LED ML56 Collection features excellent color in 90 CRI (90 CRI is R9 > 50), and offers a wide selection of color temperatures (2700K, 3000K, 3500K and 4000K).
Halo LED is ENERGY STAR® certified and can be used for California Title 24 and IECC High Efficacy compliance with designated LED modules and LED trims.

ML4 Collection

The ML4 system is comprised of a housing, LED module, and round or square 2-inch aperture pinhole trims. This compact assembly installs from below the ceiling in standard 4-inch line voltage housings suitable for 2x6 residential framing or shallow plenum commercial construction.
For even tighter spacing an ultra-shallow install from below housing is available and is suitable for 2x4 framing.
For ceiling types that make recessed lighting difficult, like concrete pour, round and surface cylinders support direct attachment to finished ceiling surfaces.
Although diminutive in size the up to 1200 lumen series ML4 delivers powerful beams of light providing the optical control and color quality typically associated with low voltage tungsten-halogen MR16 lamps. Delivered center beam candlepower (CBCP) of ML4 LED exceeds 50W low voltage MR16 lamps with significantly higher candela per watt (Cd/W).

Specifications, compliances and dimensions subject to change without notice

RL Collection

Halo RL series is a complete 4" and 5"/6" LED baffle-trim module for recessed downlights. The RL series is designed for use in new construction, remodel and retrofit installation in Halo and other compatible 4", 5" and 6" recessed downlight housings. The integral LED driver offers 120 volt dimming capability. RL4 is offered in 600 lumen, and 600 and 900 lumens on the field selectable. RL56 is offered in 600, 900 and 1200 lumen series. RL is ENERGY STAR® certified and can be used for California Title 24 (Title 20 Certified for residential compliance), and IECC High Efficacy compliance with designated LED modules and LED trims. RL models in 90 CRI (90 CRI is R9 > 50), are offered in 2700K, 3000K, 3500K, 4000K and 5000K or field selectable color temperature models. Optional accessories include designer trims in white (paintable), satin nickel, and tuscan bronze.

RA Collection

Halo RA LED is a complete 4" and 5"/6" adjustable gimbal LED module; suitable for new construction, remodel and retrofit installation in Halo and other compatible 4", 5" and 6" recessed downlight housings. The RA adjustable gimbal offers 35-degree tilt and up to 360-degree rotation. The integral LED driver offers 120 volt dimming capability. RA4 and RA56 is ENERGY STAR® certified and can be used for California Title 24 (Title 20 Certified for residential compliance), and IECC High Efficacy compliance with designated LED modules and LED trims. The RA4 and RA56 adjustable gimbals are offered with 90 CRI (R9 > 50), in 2700K and 3000K or field selectable color temperature models; and with beam spread options in Very Wide Flood (VWFL) and Narrow Flood (NFL) models.

HL6 AllSlope Collection

Featuring unique interchangeable beam-forming optics, full range dimming and multiple color temperatures and trim options, the Halo HL6 AllSlope LED 6" downlight system is specifically designed for slope ceiling applications with pitch aiming from 2/12 (10 degrees) to 12/12 (45 degrees). The innovative design allows the LED light engine full adjustment capability so it can be aimed straight down in accordance with the ceiling pitch, resulting in outstanding performance and appearance. The three piece system consists of a 6-inch aperture housing, available in 1200 lumen series or 1800 lumen series; LED light engines are offered with 90 CRI (R9 > 50), in 2700K, 3000K, 3500K, 4000K; and available with three interchangeable optics. The trim selection is from a full line of slope ceiling trims including reflectors, baffles and lens choices. AllSlope is ENERGY STAR® certified and can be used for California Title 24 (Title 20 Certified for residential compliance), and IECC High Efficacy compliance with designated LED modules and LED trims.
The high-efficiency, energy-saving solution provides up to 73% in energy savings with virtually no maintenance.

SLD Collection

Halo Surface LED downlight (SLD) incorporates WaveStream™ technology to create an ultra-low profile 4" and 6" surface mounting luminaire with the performance and look of a traditional downlight. SLD is designed for installation in many square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included. Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. When used in 4", 5" and 6" recessed downlights, the included retrofit kit's dedicated LED wiring connector meets high efficacy code requirements. The SLD is ENERGY STAR® certified and can be used for California Title 24, and IECC High Efficacy compliance with designated products. SLD is available in SLD4, SLD6-600 lumen series and SLD6-1200 lumen series. SLD models in 90 CRI (90CRI is R9 > 50), are offered in 2700K, 3000K, 3500K, 4000K. Optional accessories include designer trims in white (paintable), satin nickel, and tuscan bronze.

Specifications, compliances and dimensions subject to change without notice

MicroEdge™ - HLB/HLA Collection

The MicroEdge series is made up of the HLB ultra-thin LED lens downlight and HLA adjustable. Both are powered by a remote driver / junction box ideal for new construction and renovation work. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Both the HLB and HLA can install from below the ceiling in as little as a 1-1/2" plenum height and can be used in direct contact with insulation and is airtight. Distribution patterns work well in low to medium ceiling heights, applications are virtually universal including living and dining areas, bedrooms, closets, hallways, bathrooms, kitchens, basements, soffits, entryways and porches.

HL3 Collection

Halo now offers a complete family of 3-inch LED recessed downlights ideal for your next demanding project. Choose from round or square apertures available in broad range of trim styles and optical distributions meeting demanding architectural factors including ceiling height, square footage and fixture spacing criteria.

Trims are available in a range of finishes to match many décors. Magnets pulls trims tight to the ceiling eliminating gaps and light leaks. Trims maybe installed rimless with a true knife-edge interface creating a quiet ceiling appearance. Symmetrical trims can be used for both general area and accent lighting creating a consistent visual appearance.

E44 Collection

A family of 4-inch housings and trims optimized for use with LED lamps delivering longer life and energy savings. The ultra-shallow housings are available in new construction and remodel types suitable for 2x4 framing or shallow plenum installation. The compact plaster frame with repositionable junction box fits in tight spacing.

The line voltage housings with GU10 base are available in 10 or 20 watt ratings and can be used with LED or halogen lamp types. The low voltage housings with Gx5.3 base and integral 120/277V step down transformer is rated at 10 watts maximum, ideal for use with LED MR16 lamps.

Trims are also optimized for use with LED lamps and are available in round and square apertures in a range of finishes to match many decors. The E44 round and square pinhole trims match the appearance of the ML4 series allowing lamp and light engine based solutions to be combined while maintaining a consistent look.

SMD Collection

The Halo Surface Mount LED Downlight (SMD) is an ultra-low profile surface mounting luminaire with a modern look and high performance. SMD4 (4”) and SMD6 (6”) are designed for installation in recessed housings and many 3-1/2” and 4” square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included. Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. The SMD4 and SMD6 may also retrofit in a 4” or 5” and 6” aperture IC and Non-IC recessed housings. Dedicated LED wiring connector meets high efficacy code requirement when used in recessed downlighting. Suitable for use in clothes closets when installed with NEC® 410.16 spacing requirements. The SMD series offers modern and elegant stylings with exceptional value.

The SMD4 and SMD6 series also offers a direct mount (DM) version which can be installed directly into the ceiling with no additional junction box or housing required. Utilizing the integral Halo enclosure, this version of the SMD provides a quick installation and flush finish with the ceiling.

Specifications, compliances and dimensions subject to change without notice

Halo Recessed Lighting

SeleCCTable Products

The SeleCCTable technology puts flexibility at your customers fingertips by allowing them to choose from a range of color temperatures 2700K-5000K and adjust with the switch located on the fixture allowing you to complete jobs faster and with fewer callbacks.

RL4/RL56
LED Baffle Trim
2700K - 5000K

RL4-DM / RL6-DM
LED Direct Mount
2700K - 5000K

RA4/RA56
LED Gimbal Module
2700K - 5000K

HLB4 / HLB6
LED Direct Mount
2700K - 5000K

HLBS4 / HLBS6
LED Direct Mount
2700K - 5000K

RSQ4 / RSQ5 / RSQ6
LED Square
2700K - 5000K

BLD4 / BLD6
LED Surface Mount
2700K - 5000K

CLD
LED Surface Mount
3000K, 4000K, 5000K

Insulated Ceiling (IC)

Insulated Ceiling type (IC) rated luminaires are tested to UL 1598 standards for installation with blown-in or batting-type dry insulation materials. This allows the insulation layer to remain unbroken and prevent heating and air conditioning losses. These housings are also equipped with thermal protectors to guard against overlamping by cycling the lamp off and on until the problem is corrected.

The blown-in or batting-type dry insulation allows convective heat transfer away from the recessed light fixture, and allows direct access to the luminaire for inspection and servicing. Type IC luminaires are not for use in direct contact with spray-in foam insulation. Spray-in foams should be kept 3" from all sides of recessed luminaires. Alternate installation when spray-in foam is used, might include but not be limited to, wrapping the luminaire in fiberglass batting to maintain energy efficiency while preserving access to the luminaire. Refer to National Electrical Manufacturing Association document: NEMA LSD57-2013, "Polyurethane Foam Application: Lighting Equipment."

Air-Tite™ (AT)

- Air-Tite fixtures are designed to reduce airflow between heated or air conditioned spaces and unconditioned areas
- Standard recessed housings may allow up to 5.0 cubic ft. per minute of air leakage to escape into unconditioned spaces
- Air-Tite fixtures reduce this leakage by sealing air pathways
- Air-Tite fixtures may be IC for use in insulated ceilings or they may be Non-IC for non-insulated ceilings
- When an IC housing is Air-Tite that combination meets California Title 24 residential compliance
- Other state energy building codes now have restricted airflow requirements for recessed lighting fixtures
- Air-Tite fixtures are test certified to the American Society for testing and materials procedure ASTM E283 as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested at a 1.57 psf (75 Pa) pressure differential
- Additional benefits include: Savings in HVAC bills, preventing moisture damage to attic areas, reduced sound transmission between floors, and eliminating drafts for greater comfort

"T" Housing – Non-Insulated Ceiling (Non-IC)

Type (T) thermally protected housings (Non-IC) are designed for use in non-insulated ceilings. When installed in a ceiling with insulation, the insulation must be kept 3" from all sides of the unit and there must be a least 1/2" clearance from the top of the fixture to any ceiling material. The integral thermal protector or insulation detector on Halo recessed fixtures provides positive protection against misuse of ceiling insulation and overlamping by cycling the lamp on and off until the problem is corrected. Halo fixtures with ballasts or drivers are thermally protected in the unit. To meet specific municipal standards, many fixtures in this category carry an "IP" rating.

Specifications, compliances and dimensions subject to change without notice

Small Aperture - 3" and 4"

Small aperture 3" and 4" housings are well suited for task and accent lighting especially over counters and in display areas. And 4" housings are increasingly used for general lighting with a trim providing for wide beam distribution, in conjunction with an appropriate lighting layout. Small aperture housings are available in Insulated Ceiling (IC), Non-Insulated Ceiling (T) / (Non-IC), and Air-Tite (AT) models.

Remodel

Remodel housings simplify installation when fixtures need to be added to existing ceilings. They can be installed from below in existing ceilings by cutting a precise hole, bringing power to the fixture and installing the housing. The spring clips or speed clamps lock the fixture in place. The integral thermal protector provides positive protection against overlamping. Housings are available in Insulated Ceiling (IC), Non-Insulated Ceiling (Non-IC), Air-Tite (AT) and shallow models.

Shallow Housing

Shallow housings are designed to solve installation problems where lower joist construction is used in the ceiling. These housings accept a wide variety of trims for different lighting effects. Shallow housings are available in Insulated Ceiling (IC), Non-Insulated Ceiling (T) / (Non-IC), and Air-Tite (AT) models.

Slope Ceiling

Slope or "cathedral" type ceilings require special housings to keep the lamp aimed straight down rather than following the slope of the ceiling. A lamp aiming mechanism in these fixtures allows the lamp to be aimed vertically in sloped ceilings. Ceiling pitch is measured from 2/12 to 12/12 (the first number refers to the amount of "drop" per 12 inches of horizontal measurement).
A built-in slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Halo offers slope ceiling fixtures for incandescent lamps and for LED the HL6 AllSlope series. Slope ceiling housings are available in Insulated Ceiling (IC), Non-Insulated Ceiling (T) / (Non-IC), and Air-Tite (AT) models.

Halo Recessed Lighting

H3 (3"), H99/H1499 & H4 (4") Housing Installation Features

New Construction

4" Remodel

3" Remodel

Halo Recessed Lighting

H3 (3"), H99/H1499 & H4 (4") Housing Installation Features

1 Patented Got Nail!™ Hanger Bracket

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams
- Safety and guidance system prevents nail snagging, ensures smooth straight nail enetration and allows bar hangers to be easily removed if necessary
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails
- Five additional mounting points
- Mounting point on top for hanger wire connection
- Integral T-bar clips snaps onto T-bars - no additional clips required

2 Patented Pass-N-Thru™ Bars

- Pass-N-Thru™ allows the bars to pass through each other for tool-less shortening in tight spots less than 12" without removing from the plaster frame. Push bars together and flex at score lines until excess can be removed
- Housing positions at any point within 24" joist span
- Bar hangers may be repositioned 90° on the frame on select housings
- (1) Locking screw and multiple crimp points on plaster frame secure bars in place

3 Patented Slide-N-Side™ Junction Box

- (3) Slide-N-Side™ wire traps allow non-metallic (NM) sheathed cable to be installed without tools or without removing knockouts
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made
  - Accommodates the following standard non-metallic (NM) sheathed cable types for both U.S. and Canada: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2
- (7) 1/2" conduit pry-outs positioned to accommodate straight conduit runs [(4) 1/2" conduit pry-outs in Non-IC housing]
- cULus Listed 24 in^3 box volume, listed for through-branch (8) No. 12 AWG branch circuit 90° C conductors through the box

4 Quick Connect™ Push Wire Nuts

- (3) 4-Port push-in wire nuts included
- Speeds installation and increases reliability
- Simply strip and insert supply wires
- No additional wire nuts required

5 Air-Tite™ Code Compliant

- H3 & H4 Housings feature a pre-installed gasket in an Air-Tite housing that limits airflow between unconditioned areas and conditioned spaces
- Standard recessed housings may allow up to 5.0 cubic ft. per minute of air leakage into unconditioned spaces
- Air-Tite fixtures are test certified to the American Society for Testing and Materials procedure ASTM E283 as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested at a 1.57 psf (75 Pa) pressure differential
- Meets building energy codes that require a gasket between the housing and ceiling
- Additional benefits include: Savings in HVAC bills, preventing moisture damage to attic areas, reduced sound transmission between floors, and eliminating drafts for greater comfort

Remodel Junction Boxes*

6A H99/H1499 Series

- (7) 1/2" conduit (flex) pry-outs
- (4) Non-metallic (NM) cable pryouts
- Allow metallic and non-metallic sheathed cable to be installed
- cULus Listed 12 in^3 box volume, listed for (4) No. 12 AWG through branch circuit 90° C conductors

6B H3 Series

- (3) 1/2" conduit (flex) pry-outs
- cULus Listed 9.6 in^3 box volume, listed for (4) No. 12 AWG through branch circuit 90° C conductors
- (3) Slide-N-Side™ wire traps allow non-metallic (NM) sheathed cable to be installed without tools or without removing knockouts.

H4 Series

LED remodels - See bullet 3

7 Remodel Springs

- (4) Remodel spring clips secure housing to finished ceiling
- Allow installation in standard 1/2" and 5/8" ceiling material

8A Remodel Single-Arm Design

H99/H1499 Series

- Single arm design allows box to pass through the ceiling aperture

8B H3 Series

- "Boat-shaped" remodel plate passes through the ceiling aperture to sit flat on ceiling
- Inner can passes through remodel plate and is secured with tab locks

9 Remodel Flange

- Integral flange secures fixture against the ceiling

10 cULus Listed

- UL1598 Luminaires
- Designed and manufactured to Underwriters Laboratories Standard for Safety – UL1598
- Luminaires additionally comply with National Electric Code (NEC), NFPA70

Halo Recessed Lighting

Halo H5 (5") & H7 (6") Housing Installation Features

H5 & H7 Housings

- Robust, full-frame construction
- Integral thermal protector guards against over-lamping
- Plaster lip notched at 90º intervals for laser centering
- Halo assured – logo on frame

H5 & H7 Remodel Housings

- Install from below the finished ceiling aperture
- Robust construction
- Integral thermal protector guards against over-lamping
- Halo assured – logo on can top

Specifications, compliances and dimensions subject to change without notice

Halo Recessed Lighting

H5 (5") & H7 (6") Housing Installation Features

1 Patented Got Nail!™ Hanger Bracket

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams
- Safety and guidance system prevents nail snagging, ensures smooth straight nail penetration and allows bar hangers to be easily removed if necessary
- Automatic levelling flange aligns the housing and lets you hold the housing in place with one hand while driving nails
- Five additional mounting points
- Mounting point on top for hanger wire connection
- Integral T-bar clips snaps onto T-bars - no additional clips required

2 Patented q-Channel Bars with Pass-N-Thru™

- q-Channel bars feature an unique inverted "q" interlocking channel for rigidity and stability
- Pass-N-Thru™ allows the bars to pass through each other for tool-less shortening in tight spots less than 12" without removing from the plaster frame. Push bars together and flex at score hole break points
- Housing positions at any point within 24" joist span
- Bar hangers may be repositioned 90° on the frame on select housings

3 Patented Slide-N-Side™ Junction Box

- Full-size junction box
- (3) Slide-N-Side™ wire traps allow non-metallic (NM) sheathed cable to be installed without tools or without removing knockouts
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made
  - Accommodates the following standard non-metallic (NM) sheathed cable types for both U.S. and Canada: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2
- (7) 1/2" conduit pry-outs accommodate straight conduit runs
- cULus Listed 26 in^3 box volume, listed for through-branch (8) No. 12 AWG branch circuit 90° C conductors through the box

4 Quick Connect™ Push Wire Nuts

- (3) 4-Port push-in wire nuts included
- Speeds installation and increases reliability
- Simply strip and insert supply wires
- No additional wire nuts required

5 Universal Locking Screw

- (1) Locking screws accessible from below the ceiling
- Universal screw head (hex, slot or Phillips)
- (6) Additional bar crimping points

6 Air-Tite™ Code Compliant

- H5 & H7 housings feature a pre-installed gasket in an Air-Tite housing that limits airflow between unconditioned areas and conditioned spaces
- Standard recessed housings may allow up to 5.0 cubic ft. per minute of air leakage into unconditioned spaces
- Air-Tite fixtures are test certified to the American Society for Testing and Materials procedure ASTM E283 as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested at a 1.57 psf (75 Pa) pressure differential
- Meets codes that require a gasket between a recessed housing and ceiling. Additional benefits include: Savings in HVAC bills, preventing moisture damage to attic areas, reduced sound transmission between floors, and eliminating drafts for greater comfort.
- Gasket GA-ATH5-6PK and GA-ATH7-6PK are available for covering gaps on the finished ceiling aperture (See specialty products and accessories section)

7 Remodel Junction Box - Full Access

- Full-size remodel junction box
- (7) 1/2" conduit (flex) pry-outs
- (4) Non-Metallic (NM) cable pryouts
- Allow metallic and non-metallic sheathed cable to be installed
- cULus Listed 17 in^3 box volume, listed for (4) No. 12 AWG through branch circuit 90° C conductors

8 Remodel Springs

- (4) Remodel spring clips secure housing to finished ceiling
- Allow installation in standard 1/2" and 5/8" ceiling material

9 Remodel Single-Arm Design

- Single arm design allows box to pass through the ceiling aperture
- Flexible arm can bend or flex side-to-side around obstructions

10 Remodel Flange

- Integral flange secures fixture against the ceiling

11 cULus Listed

- UL 1598 Luminaires
- Designed and manufactured to Underwriters Laboratories Standard for Safety – UL 1598
- Luminaires additionally comply with National Electric Code (NEC), NFPA70

Halo Recessed Lighting

E5 (5") & E7 (6") Housing Installation Features

E5 & E7 Housings

- Compact and economical construction
- Integral thermal protector guards against over-lamping
- Plaster lip notched at 90º intervals for laser centering
- Halo assured – logo on junction box can top and q-Channel bars

E5 & E7 Remodel Housings

- Install from below the finished ceiling aperture
- Compact junction box designed for ease of installation
- (2) Speed clamps securely lock housing to ceiling
- Integral thermal protector guards against over-lamping
- Halo assured – logo on junction box and can top

Specifications, compliances and dimensions subject to change without notice

Halo Recessed Lighting

E5 (5") & E7 (6") Housing Installation Features

1 Patented All-Nail™ Hanger Bracket

- Pre-installed nail easily installs in regular lumber, engineered lumber and laminated beams
- Mini foot levelling flange aligns the housing to the bottom of the joist
- Integral T-bar clip snaps on to T-bars - no additional clips are required
- Additional screw points provided for securing to grid where required by code

2 Patented q-Channel Bars with Pass-N-Thru™

- q-Channel bars feature an unique inverted "q" interlocking channel for rigidity and stability
- Housing positions at any point within 24" joist span
- Pass-N-Thru™ allows the bars to pass through each other for tool-less shortening in tight spots less than 12" without removing from the plaster frame. Push bars together and flex at score hole break points
- Bar hangers need not be removed from frame for shortening

3 Patented Repositionable J-Box with Slide-N-Side™

- Hinged and captive door for easy access
- Repositionable J-box can be moved to alternate side of frame to avoid obstructions
- (4) Slide-N-Side™ wire traps allow non-metallic (NM) sheathed cable to be installed without tools or removing knockouts
  - Allows wiring connections to be made outside the junction box
  - Simply insert the cable directly into the trap after connections are made
  - Accommodates the following standard non-metallic (NM) sheathed cable types for both U.S. and Canada: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2
- (4) 1/2" conduit pry-outs
- cULus Listed Compact 16 in^3 box volume, listed for maximum (10) No. 12 AWG or (14) No. 14 AWG 90° C splice conductors in box

4A Quick Connect™ Push Wire Nuts

- (3) 4-Port push-in wire nuts included
- Speeds installation and increases reliability
- Simply strip and insert supply wires
- No additional wire nuts required

4B Patent Pending Quick Connect™ Remodel Wiring Tray

- (3) 4-Port push-in wire nuts included
- Captive tray holds color-coded push-nuts in place allowing for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- Simply strip and insert supply wires
- No additional wire nuts required

5 Universal Locking Screw

- (2) Locking screws accessible from below the ceiling
- Universal screw head (hex, slot or Phillips)

6 Patent Pending Air-Tite™ Construction

- E5 & E7 feature a gasket seal between the housing aperture, frame, & ceiling in a special design that limits airflow between unconditioned areas and conditioned spaces for a true Air-Tite installation without additional gaskets or caulk
- Standard recessed housings may allow up to 5.0 cubic ft. per minute of air leakage into unconditioned spaces
- Air-Tite fixtures are test certified to the American Society for Testing and Materials procedure ASTM E283 as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested at a 1.57 psf (75 Pa) pressure differential
- Meets codes that require a gasket between a recessed housing and ceiling
- Additional benefits include: Savings in HVAC bills, preventing moisture damage to attic areas, reduced sound transmission between floors, and eliminating drafts for greater comfort

7 Patent Pending Remodel J-Box with Slide-N-Side™

- Compact design for ease in remodel installation
- Hinged and captive door for easy access
- (2) Slide-N-Side™ wire traps allow non-metallic (NM) sheathed cable to be installed without tools or removing knockouts
  - Allows wiring connections to be made outside the junction box
  - Simply slide the cable into the trap after connections are made
  - Accommodates the following standard non-metallic (NM) sheathed cable types for both U.S. and Canada: (US) #14/2, #14/3, #12/2, #12/3 (Canada) #14/2, #14/3, #12/2
- (3) 1/2" conduit pry-outs
- cULus Listed Compact 10 in^3 box volume, listed for maximum (6) No. 12 AWG or (8) No. 14 AWG 90° C splice conductors in box

8 Patented Remodel Speed Clamps

- (2) Exclusive integral speed clamps securely lock housing to ceiling
- Locking tabs securely lock to ceiling and can be easily repositioned
- Tabs engage and tighten with internal drive screws – a low torque power screwdriver speeds installation
- Two-tier tabs adjust for 3/8" to 2" for various ceiling materials

9 Remodel Attached - Box Design

- Attached box gets into tight spaces
- Allows ease of installation passing through the ceiling aperture

10 Remodel Flange

- Die formed flange maintains precise concentricity
- Integral flange secures fixture against the ceiling

11 cULus Listed

- UL1598 Luminaires
- Designed and manufactured to Underwriters Laboratories Standard for Safety – UL 1598
- Luminaires additionally comply with National Electric Code (NEC), NFPA70

Halo Recessed Lighting

Types of Trims

Halo's 3", 4", 5", 6" apertures offer full vocabulary of trim styles, finishes and design features. Smaller 3" and 4" trims are used for task and accent lighting, and many 4" trims with a wide beam are used for general downlighting. Larger 5" and 6" trims are used for general downlighting as many offer a wide beam for even illumination. Halo trims may be used with a wide variety of light sources including Incandescent, Halogen, CFL, and LED.

Full Reflectors

Reflector trims create wide light patterns and maximize the efficiency of the light source. Haze reflectors reduce glare yet maximize light distribution, satin nickel and gold finished reflectors add warmth and tuscan bronze and black reflectors minimize glare.

Reflector Cones

Reflector cones are generally shorter and are designed for use with reflector style lamps (R, BR, MR, GU10, and PAR). They direct the full output of these lamps to the illumination task.

Baffles

Baffle trims trap and shape light to minimize aperture glare and reduce ceiling brightness; varied depending on baffle finish. Baffles narrow the focus of the downlighting beam and many are used with reflector lamps (R, BR, MR, GU10, and PAR lamps).

Eyeballs/Gimbals/Adjustables

These trims provide precise, variable directional lighting. They are especially useful for directing light to accent wall hangings, mantels and task areas. Directional reflector style lamps are typically used (R, BR, MR, GU10 and PAR).

Wall Washers

Wall Wash trims provide same vertical surface illumination. Special reflectors allow both wall washing and downlighting. Depending on the light source and fixture positioning along a wall, these trims will provide same illumination higher up on the wall.

Lens and Diffusers

Lenses and diffusers are designed to typically soften and direct the light, and depending upon the lens the light may be directed more to horizontal surfaces or to higher angles on vertical surfaces. Designated trims can be used as shower lights and have cULus wet location listing.

Open Trims

Open trims create an attractive finished look of the lamp face without compromising the natural efficiency of reflector style lamps (R, BR and PAR).

Specifications, compliances and dimensions subject to change without notice

Halo Recessed Lighting

Sizes & Finishes of Trims

Halo gives you the tools to create the exact interior environment you envision. Choose from Halo trims that range in size of 3", 4", 5" and 6". Selections round out the choices available for residential and light commercial applications.

Reflector Finishes

Reflectors are offered in several finishes for high efficiency, to soften illumination, or to make a defined decorating statement.

Baffles

Available in either black for the most effective shielding or white for an inconspicuous daytime appearance.

Trim Ring Finishes

Trim rings are offered in a wide choice of painted or metallic finishes to either blend in with an existing decor or to make a well defined decorating statement.

Trim Styles

Typically trims have round apertures and Halo offers a wide selection of round trims; Halo offers a number of square trims that reinforce rectilinear decor lines and make a distinctive designer statement.

Halo Recessed Lighting

Trim – Features & Designs

A full line of trim styles, finishes and design features are expanding in the Halo trim collection. With these trim and feature expansions, Halo is bringing ways to help ease installation process. While keeping products classy and the ability to personalize your lighting fixtures to best suit the space. These trims are specifically modeled to work with the E26 screw base housings and are compatible with EISA halogen, incandescent, CFL & LED equivalent lamps.

1 Patent Pending Perftex™ 5" & 6" Baffle

- **NEW** Halo exclusive perforated design pattern
- A fine perforated pattern design of overlapping density, self-flanged
- 5110 & 6110 series trims

2 Coilex® 3", 4", 5" & 6" Baffle

- Fine thread pattern with crisp edges
- Precise triple lead-in thread design
- Timeless Halo signature for over 50 years

3 Self-flanged Trim Rings

- For simplicity and ease of installation

4 Torsion Spring Design

- Torsion springs are easy to install and hold flange tight to ceiling

5 Coil Spring Design

- Coil springs are easy to install with flexible coils that allow adjustment in holding flange tight to ceiling

6 5" & 6" Chamfered Inner Transition

- **New** 5" (5100/5200) and 6" (6100/6200) series
- The new chamfered trims are designed to reduce the visual impact on the ceiling
- Tapered profile to limit shadows

Air-Tite™ Code Compliant Trims

- Air-Tite trims are test certified to the American Society for Testing and Materials procedure ASTM E283 as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested at a 1.57 psi (75 Pa)
- Form fitting socket collar for tight seal with self-flange trim ring sealing aperture
- Benefits include: Savings in HVAC bills, preventing moisture damage to attic areas, reduced sound transmission between floors, and eliminating drafts for greater comfort
- **New** 6" Air-Tite trims include: 6120, 6121, 6125, 6126, 6145, 6146
- **Classic** 6" Air-Tite trims include: 30, 78PAT, 170PS, 171PS, 172PS, 173PS, 430

Specifications, compliances and dimensions subject to change without notice

3" & 4" Trim Features

- Small aperture trims have less ceiling presence, and celebrate simple and clean lines around circumference
- Smaller aperture trims may be used to visually differentiate the room interior design
- Trims are also a functional element in lighting design as used for accent, task and general downlighting
- Designed for similar appearance regardless of lamp source whether line voltage PAR20 or low voltage MR16

3" Trim Designs

4" Trim Designs

5" Trim Features

- Halo 5" trims are now available for use in socket bracket or no socket bracket housing models
- **New** 5100/5200 series half cone reflector and baffle trims are designed for 5" H5 and E5 housings that include a socket plate with adjustment bracket
- **New** innovative designs in adjustable and lens trims; and new open wet location Showerlight trims for use with outdoor rated lamps
- Note: 5" 5000 series trims are all full-height socket supporting for use in H5 and E5 "NB" no socket bracket housings only

6" Trim Features

- Halo 6" trims are designed to offer the greatest flexibility in lamp types and trim styles
- The 6" trim balances proportion of larger scale with narrower trim ring visibility with various tapered styles
- **New** 6100/6200 series trims focus on simplicity of self-flanged rings, these forgiving size trims expand coverage of ceiling gaps and construction tolerances
- **New** designs in lens trims and new open wet location showerlight trims for use with outdoor rated lamps are offered
- 6" trims are offered in full-height socket supporting designs and in half cone designs for customer choice of housings with "NB" no socket bracket or a socket plate with adjustment bracket

NEW 5" (5100/5200) & 6" (6100/6200) – E26 Screw Base Styles & Finishes

Full Cone Baffle

WB White Baffle White Trim

BB Black Baffle White Trim

BKBB Black Baffle Black Trim

Full Cone Reflector

WH White Reflector White Trim

SN Satin Nickel Reflector Satin Nickel Trim

TBZ Tuscan Bronze Reflector Tuscan Bronze Trim

Half Cone Baffle

WB White Baffle White Trim

BB Black Baffle White Trim

BKBB Black Baffle Black Trim

Squircle – Frost Glass Lens

AH Aluminum Haze

PN Polished Nickel

SN Satin Nickel

Open Showerlight

WH White

SN Satin Nickel

TBZ Tuscan Bronze

Lens/Showerlight – Frost Glass Lens

WH White

SN Satin Nickel

TBZ Tuscan Bronze

Adjustable

WH White

BK Black

SN Satin Nickel

TBZ Tuscan Bronze

Regressed Adjustable

WB White Baffle

BB Black Baffle

SC Specular Clear Reflector

H Haze Reflector

Halo Recessed Lighting

Listings, Compliance & Industry Associations

Rising energy demand and corresponding costs are a fact of life and lighting fixtures play a two fold role in the energy equation – besides the light sources and fixtures themselves, their effect on heating and air conditioning costs must also be considered.

IC Fixtures

If lighting fixtures are being installed in an insulated attic area, choose IC (Insulated Ceiling) and for additional benefits choose ICAT (Insulated Ceiling Air-Tite) fixtures. These fixtures allow you to maintain an unbroken layer of insulation. IC rated luminaires are tested to UL1598 standards where insulation materials such as blown-in or batting type dry insulation may be placed in direct contact with the luminaire.

Blown-in or batting type insulation allows convective heat transfer away from the recessed light fixture, and allows direct access to the luminaire for inspection and servicing, as required by National Electric Code. In accordance with NEMA LSD57-2013 industry guidelines, the use of spray-in foam insulation in direct contact with recessed luminaires is not recommended. As such, NEMA recommends that spray-in foams be kept 3" from recessed luminaires. Alternate installation might include, but not be limited to, wrapping the luminaire in fiberglass batting to maintain energy efficiency while preserving access to the luminaire.

Air-Tite™ Fixtures

Air-Tite fixtures are qualified under test standard ASTM E-283, to restrict air flow between unconditioned areas and heated or air conditioned spaces. Standard recessed housings allow up to 5.0 cubic ft. per minute of air leakage to escape into unconditioned spaces. Air-Tite fixtures reduce this leakage by sealing air pathways. Air-Tite fixtures may be IC for use in insulated ceilings (such as H7ICAT) or they may be Non-IC for non-insulated ceilings (such as H36TAT). Air-Tite fixtures qualified to ASTM E-283 have 2.0 cfm (0.944 L/S) or less air flow rate at 1.57 PSF (75 Pa) pressure differential.

Additional benefits include: Savings in HVAC bills, preventing moisture damage to ceilings, reduced sound transmission between floors, and eliminating drafts for greater comfort.

Air-Tite™ Trims

An Air-Tite designated trim makes a housing Air-Tite. Simply add the Air-Tite trim to a Halo housing to meet code, and enjoy the additional benefits of an Air-Tite fixture.

Wet Location Listed Showerlights

Halo offers wet location listed trims which are designed for use over tubs, in showers, and protected outdoor ceiling areas such as porches and soffits. Where noted, models have trim rings and lenses manufactured of non-conductive and non-corrosive polymer and glass materials that are "dead-front". Trims suitable for use in showers carry a wet location cULus listing and are identified with one of the following icons.

Eaton's lighting business is a participating member and significant contributor in industry associations to assure that our lighting and control systems adhere to the highest performance and efficiency standards.

The US Environmental Protection Agency's ENERGY STAR® program is designed to identify and promote energy efficient products and buildings. Eaton's lighting business is proud to be an industry leader of certified products including many of our Halo recessed downlights. **www.energystar.gov**

Eaton's lighting business supports state codes enforcing more stringent and environmentally protective standards such as California Energy Commission's Title 24 or Title 20 Energy Efficiency standards. **www.energy.ca.gov/title24** and **www.energy.ca.gov/appliance**

International Energy Conservation Code (IECC) establishes energy-related heating, cooling, water heating, electrical and lighting system standards for residential, multi-family, and commercial buildings. **www.iccsafe.org**

Eaton's lighting business is a proud participating member of the IESNA, Illuminating Engineering Society of North America. **www.iesna.org**

ASHRAE/IESNA 90.1 standard is generally regarded as the definitive source of guidelines for achieving energy efficiency requiring certain watts per square foot (w/ft^2) depending on the application. **www.ashrae.org**

As a U.S. Green Building Council member, Eaton's lighting business supports their mission to promote buildings that are environmentally responsible, profitable and healthy places to live and work. **www.usgbc.org**

The American Lighting Association is a lighting industry trade association. Members include lighting and ceiling fan manufacturers, retail showrooms, sales representatives and professional residential lighting designers. **www.americanlightingassoc.com/**

The LIRC works to enhance communication between professional lighting designers and lighting manufacturers to improve products, services, business practices, and lighting design education. **http://www.iald.org**

The mission of the National Association of Homebuilders is to enhance the housing and the building industry. Eaton's lighting business is a proud participating member of the NAHB. **www.nahb.org**

RoHS Directive - Restriction of Hazardous Substances. This global initiative seeks to eliminate hazardous materials in products. Key materials being eliminated from products through RoHS include: cadmium, mercury and lead among others.

Eaton's Halo luminaires are manufactured and designed in accordance with the specifications outlined in Underwriters Laboratories Standard for Safety – Luminaires 1598. These luminaires additionally comply with the applicable requirements found within the National Electrical Code (NEC), NFPA 70.

Products bearing the cULus Listed marks indicate that the luminaires have been evaluated by Underwriters Laboratories, and are found to be compliant with the product specific requirements for the United States and Canada. **www.ul.com/**

Eaton's lighting business was the first major lighting manufacturer to partner with the Clinton Climate Initiative (CCI), and work with the C40 Large Cities Climate Leadership Group (C40) to reduce greenhouse gas emissions and serve as models for other cities. **http://c40cities.org** **www.clintonfoundation.org/cf-pgm-ccihome.htm**

Specifications, compliances and dimensions subject to change without notice

Luminous Flux (Lumens)

Luminous flux (lumens) is the measure of the total light producing power of the light source. It is the amount of light leaving the source without regards to direction. A halogen 72W A19 clear lamp has 1520 nominal lamp lumens. The luminous flux is provided by the lamp manufacturers in a listing of common lamp and lumen values.

Units: Lumens (lm)

A 19
Halogen - LED - CFL

Luminous Intensity (Candela)

The luminous intensity (candelas) is the strength of the light produced in a specific direction. The luminous intensity of an optical system is compiled graphically into diagrams known as candela or candlepower distribution curves. Both polar and cartesian graphs are used within the lighting industry for this purpose. This information is also available in numeric tabular form.

Units: Candela (cd)

Illuminance (Footcandles)

Illuminance is the measure of the quantity of luminous flux that arrives on a surface. Illuminance is affected by the luminous intensity from the fixture in the direction of the lighted surface, the distance from the luminaire to the surface, and the angle of incidence of the arriving light. Although illuminance cannot be detected by the eye, it is the most often used criteria in specifying lighting designs.

Units: Footcandles (fc)

Luminance (Candelas/Meter^2)

Luminance is the measure of light leaving a surface in a given direction. It is what the eye perceives. Typically, luminance reveals more about the quality and comfort of a lighting system than just illuminance alone.

Units: Candelas per Square Meter (cd/m2)

Correlated Color Temperature (CCT)

The color temperature (chromaticity) of a light source describes the actual color appearance of the light produced with regard to its warmth or coolness. Measured on the temperature scale of Kelvin, it is defined with the use of a reference light source termed a blackbody radiator. This reference is completely black when cold, and as it is heated begins to glow, taking on a reddish orange appearance. Heated further, its color appearance shifts towards yellow, then white and eventually bluish white at the high end of the scale. An orange red color light has a lower color temperature than a blue white light. Psychologically, the lower Kelvin temperatures are perceived as "warm", the higher as "cool", the opposite of what might be expected. With solid state LED and discharge sources such as compact fluorescent and HID light is produced by methods other than heating a filament and the color is measured by its correlated color temperature (CCT). It is the measure of the color of the light, not the actual operating temperature of the lamp.

Color Temperature & Effects of Lighting

Color Temp Kelvin Range	WARM 2700K	WHITE 3000K	NEUTRAL 3500K	COOL 4100K	DAYLIGHT 5000K
Effects	Warm Cozy Open	Friendly Intimate Personal	Friendly Safe Neutral	Neat Clean Efficient	Bright Alert Crisp
Typical Applications	Homes Restaurants Hotels Boutiques	Homes Libraries Office Areas Retail Stores Office Areas	Public Areas Showrooms Bookstores Hospitals	Office Areas Conference Rooms Classrooms Printing Companies	Museum Displays Jewelry Displays Medical Exam Areas

Color Rendering Index (CRI)

The color rendering index (CRI) of a light source describes the influence of light on the color appearance of objects being illuminated. CRI describes the apparent color shift undergone by a standard set of test colors illuminated by a source as compared to their appearance under the blackbody reference source. The apparent shift in colors is measured and averaged on the CRI chromaticity diagram, and the higher the number, the closer the apparent match. Since CRI is an average it is not possible to predict the effect on one particular color, and consequently, different lamps with the same CRI may not render colors alike. CRI is only a valid comparison when comparing lamps of the same color temperature since the appearance of the test colors vary as the reference blackbody radiator varies.

Units: CRI (on a scale up to 100)

Illuminating Engineering Society (IES) Evaluating Light Source Color Rendition

Illuminating Engineering Society (IES) TM-30-15 method for evaluating light source color rendition. IES TM-30-15 is a technical memorandum published by the IES that details a new method for evaluation and identification of color rendition properties of a light source. The IES notes that no single measure can accurately identify all aspects of the color rendition of light. Therefore the TM-30-15 Technical Memorandum describes a method for evaluating color rendition of a light source based upon quantifying the fidelity (closeness to a reference color illuminate) through a Fidelity Index (Rf) and gamut (increase or decrease in chroma or saturation relative to a reference color illuminate) through a Gamut Index (Rg) of a light source. The method also generates a color vector graphic that indicates average hue and chroma shifts, which visually plots values of Rf and Rg, and aids with interpreting the method's results. TM-30-15 method provides equations and direction for calculating Rf and Rg, including the spectral reflectance functions for 99 Color Evaluation Samples (CES). A software tool is included with TM-30-15 as provided to aid in calculation and display of the results.

IES Method for Color Rendition

Color Fidelity
↓
The accurate rendition of color so that they appear as they would under familiar (reference) illuminates
↓
Fidelity Index (R_f)
scale up to 100
(0-100)

Color Gamut
↓
The average level of saturation relative to familiar (reference) illuminates
↓
Gamut Index (R_g)
60-140 when Rf > 60

Graphics
↓
Visual description of hue and saturation changes.
↓
Color Vector Graphic

Luminaire Efficiency

Luminaire efficiency is the ratio of lumens emitted by a luminaire in relation to lumens produced initially by the lamp contained within. It includes both the optical and thermal characteristics of the luminaire and is measured under controlled ambient conditions of 77°F (25°C). Luminaire efficiency does not indicate any information on the direction of the light leaving the fixture or its visual appearance.

Units: Percentage %

Efficiency % = $\frac{\text{Luminaire Lumens}}{\text{Lamp Lumens}}$

Efficiency is a comparison of like terms; in the case of a lighting fixture, lumens from the luminaire vs. from the lamp. This measure of efficiency is concerned with the amount of light a luminaire can provide given the specific light source it employs.

Efficacy

Efficacy is the ratio of the luminous flux (lumens) produced by a source in relation to the energy (watts) it consumes. While efficiency is a comparison of like terms, efficacy is a comparison of unlike terms –- the lumen and the watt. It is analogous to the miles per gallon rating of automobiles. It compares how a light source converts power into light. For example:

13.5W LED Luminaire (LED, Driver, Optic/Trim)
1100 lm/13.5W = 81 LPW (Total Luminaire Efficacy)

26W CFL lamp
1800 lm/28W = 64.2 LPW (Bare Lamp Efficacy)

26W CFL Luminaire (Lamp, Ballast, Trim) with 70% Luminaire (Trim) Efficiency
1260 lm/28W = 45 LPW
Units: Lumens per watt (LPW or lm/W)

LED LPW = $\frac{\text{Delivered Luminaire Lumens}}{\text{Luminaire Watts}}$

CFL, Halogen LPW = $\frac{\text{Lamp Lumens X Luminaire Efficiency}}{\text{Luminaire Watts}}$

Cutoff & Shielding Angle

The lamp cutoff angle of a luminaire is the angle between the vertical axis (nadir) and the first line of sight when the bare source is no longer visible. Lamp image cutoff is measured the same way as lamp cutoff, but it occurs when the image of the lamp is no longer visible in the reflector. The shielding angle is the compliment of the cutoff angle.

When both the lamp cutoff and lamp image cutoff are equal, the optical system has no spill light and uses all of the light in the useful beam. Equal cutoff to lamp and lamp image also provide higher visual comfort for the space.

Candela Diagrams
(Candle Power Distribution)

Candela diagrams provide an illustration of the intensity and distribution of light. This allows quick estimates on how useful a particular fixture would be in an application. Polar graphs provide a visual indication on how narrow or wide a beam a fixture produces. Two sets of angles are referenced, vertical and horizontal angles. Vertical angles range from 0° at nadir to 90° along the ceiling line. The number of horizontal angles referenced depends on the rotational shape and symmetry of the light distribution. Sections, or planes of data, are cut at various intervals to describe the intensity changes at the same elevation angles. The 0°-180° plane slices the luminaire along the axis of the lamp, the 90°-270° plane cuts across the lamp axis. Additional planes are supplied every 22.5° where the light distribution becomes more asymmetric. In general, numerical data instead of small polar diagrams should be used for calculations, since the diagrams become difficult to read at the higher elevation angles and at angles surrounding the fixture.

Reflectance

Reflectance is the ratio of luminous flux (lumens) reflected from a surface in relation to luminous flux (lumens) incident onto the surface. Types of surface reflectance range from the specular to the diffuse (lambertian), with many objects exhibiting combinations. Typically, reflectance becomes more specular with larger incident angles. Reflectances of room surfaces are important consideration when calculating illuminances using the "Lumen Method."

Reflectance % = $\frac{\text{Reflected Lumens}}{\text{Incident Lumens}}$

Units: Percentage % **Symbol:** p

Specular Reflection **Spread Reflection** **Diffuse Reflection**

Field Angle: 50% maximum candlepower.
Beam Angle: 10% Lamp beam spread to maximum candlepower.

Center Beam Candle Power (CBCP):
Maximum candlepower of lamp at nadir.

Specifications, compliances and dimensions subject to change without notice

Point-to-Point Calculations

The calculation of foot-candles at a point, no matter if it is on a horizontal, vertical or tilted surface, can be accomplished with the inverse square law. The law states that the illuminance is proportional to the candlepower of the source in the given direction and inversely proportional to the square of the distance from the source. In addition, as a surface is tilted away from the source, illuminance will decrease in a ratio equal to the cosine of the angle of incidence.

The inverse square law formula can be expressed in various ways; the two most useful follow. Version 1 is ideal for the complexities of three-dimensional space as no trigonometry (cosine) is needed, just the simple X, Y and Z coordinates of the layout. It is also very useful in calculating foot-candles from the CBCP of accent lights. Version 2 is useful for calculations that can be laid out in two dimensions and when it is easy to find the cosine of the aiming angle. Insert your data into either easy-to-use formula to calculate the initial foot-candle level at a point.

Version 1

$$FC = \frac{I \times N}{D^3}$$

Where: **I** = CD towards Point
D = Distance to Point (square root of $X^2 + Y^2 + Z^2$)
N = Distance Normal to the Surface

Version 2

$$FC = \frac{I \times \cos\theta}{D^2}$$

Where: **I** = CD towards Point
D = Distance to Point (square root of $X^2 + Y^2$)
θ = Angle between incident light ray and normal to the surface

θ	COSθ	TANθ
0°	1.0	.000
5°	.996	.087
10°	.985	.176
15°	.966	.268
20°	.940	.364
25°	.906	.466
30°	.866	.577
35°	.819	.700
40°	.766	.889
45°	.707	1.0

To find distance D: $D = X^2 + Y^2$ or $D = \frac{Y}{\cos\theta}$

To find aiming angle θ: $\tan\theta = \frac{X}{Y}$ or $\cos\theta = \frac{Y}{D}$

Ambient Lighting

Lighting throughout an area which produces general illumination. The appropriate Halo recessed fixtures are available to provide patterns of light distribution for this purpose. These units direct light in specific patterns to illuminate areas without drawing attention to the fixtures themselves.

Task Lighting

Lighting directed to a specific area to perform a specific task. Use Halo fixtures with narrower beam patterns and high illumination levels. Task-Ambient Lighting–The combination of task and ambient lighting should provide a level of ambient lighting that is lower than the task yet is designed so the ambient complements the task lighting. Here luminance ratio should be considered. Luminance ratio is the measure of task or accent to surrounding ambient lighting. For example, retail stores may use 5-to-1 task-to-ambient lighting on cash registers for transactions and 10-to-1 accent-to-ambient lighting on displays to draw maximum attention to the products.

Wall Washing

Lighting of vertical surfaces defines form, space and texture. It can visually increase the apparent size of a room while improving visual comfort. Halo has skillfully engineered fixtures designed to direct a spread of illumination on these surfaces. Halo fixtures may be selected based on the size of the space, the level of illumination and intensity desired, energy efficiency and controllability.

Accent Lighting

Directional lighting used to focus attention on a particular object or surface. Its intensity levels vary according to ambient illumination levels. Higher ambient levels require higher accent illumination to provide the necessary contrast (luminance ratio). This requires adjustable fixtures which can deliver higher illumination levels and precise beam distributions. Halo adjustable trims are often used in accent lighting and offer the range of intensities and beam spreads necessary for controlled quality lighting.

Light Emitting Diodes (LED)

Solid State Lighting (LED) once only known to the electronics industry are now a common component used for general lighting. And the reason is LED's superior energy efficiency and extremely long operational life compared to traditional incandescent technology. LED's have been used in automotive and signal products for some time because of LEDs natural generation of red, blue, and green color. With recent breakthroughs in LED chip set technology a LED is now capable of generating "white light". Combined with technological advances in LED driver power electronics, LED may be applied successfully to general lighting products. LED is also referred to as Solid State Lighting (SSL) because it is composed of various semiconductor materials and when an electrical current passes through the diode, the recombination of positive and negative charges results in the emission of photons or light. As a result LED luminaires are high-efficiency alternatives to less efficient light sources.

The Benefits of LED

- Energy Savings - Significant savings over traditional sources (Halo ML56 - 600 Series consumes 86% less energy than comparable 65W BR30 incandescent lamps)
- High Efficacy - LED offers more lumens per Watt (Halo ML56 - 600 Series delivers up to 92 LpW compared to 9.5 LpW of 65W BR30 incandescent lamps)
- Long Operational Life - LED offers significant life values, with many models offering over 50,000 hours (Compare to 65W BR30 incandescent lamp with typical life of 2,500 hours)
- Reduced maintenance cycle - LED can perform for years, even in 24 hours 7 days a week operation
- Dimmable - Designated LED drivers are capable of full range dimming and may operate with many standard dimmers
- Improved quality of light - LED downlight optics offer smooth, even illumination across the visual field
- Soffit applications - LED downlighting may be used in protected canopies, porches, and soffits in colder climates than fluorescent sources (where designated for "Wet Location" listing)
- Code compliance - LED lighting may be used to meet stringent code requirements requiring higher luminaire efficacy (Lumens per Watt) and lower building power density (watts per square foot)
- Reduced environmental impact - Significant reduction in energy loads with LED lighting offers reduction of carbon emissions in electrical generation

Color Selection choices for Halo LED:

- Color Rendering Index (CRI): 90 CRI (R9 > 50)
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K, 5000K are offered, based upon model series

LED Warranty:

- Eaton lighting solutions business provides a five year limited warranty on designated HALO LED luminaires. Consult www.eaton.com/lighting/legal

Applications: General, Task, Wall Wash, Accent (depending upon model selected)

Halogen Low Voltage (MR16)

Multifaceted Reflector (MR) lamps produce crisp, white light; with more typical sparkle than PAR lamps. Low voltage halogen lamps offer the best light control and are ideal for accenting. Low voltage lamps require a transformer in the fixture to step line voltage down to nominal lamp operating voltage.

Applications: Task, Accent, Wall Wash, Grazing
Sizes: MR16
Beam Spread: Many available. Measured in beam angles.
Typical Rated Life: 4,000 to 6,000 hours

Incandescent and Halogen (INC/HAL)

These are popular because they are easy to install, are relatively inexpensive and are available in a wide range of wattages and bulb styles. Halogen lamps are a type of incandescent with filaments of tungsten wire heated by the passage of electrical current to incandescence. All clear halogen lamps are considered to have a color rendering index of 100.

A-Lamps

General service "A" lamps emit a warm light.
These require reflectors to effectively control light.
Applications: General, Wall Wash
Typical Sizes: A17, A19, A21
Typical Rated Life: 1000 hours

R and BR Lamps

Reflector (R) and Bulge Reflector (BR) lamps emit a warm amber light. These have built-in reflectors to control light in flood and spot beam patterns.
Applications: General, Task, Accent, Wall Wash, Grazing
Sizes: R20, BR30, BR40
Beam Spread: Flood, Spot
Typical Rated Life: 2,500 hours

PAR Halogen Lamps

Parabolic aluminized reflector lamps produce a crisp, white light. These use built-in reflectors with internal reflective coatings and lenses to control light in many beam patterns.
Applications: General, Task, Accent, Wall Wash, Grazing
Sizes: PAR16, PAR20, PAR30S (short neck), PAR30L (long neck), PAR38
Beam Spread: Narrow Spot, Spot, Flood, Narrow Flood, Wide Flood
Typical Rated Life: 2,500 hours

Specifications, compliances and dimensions subject to change without notice

HALO Home
Smart Lighting System

LED Modules **28**

LED Outdoor **30**
Flood 30
Flood + Motion 31

Smart Controls **32**
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Accessory Dimmer 33
Battery Scene Keypad 34
Anyplace DImmer 35

Accessories **36**
Bridge 36
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Smart Light Adapter 38

HALO Home Collection

HALO Home is a flexible new approach to smart home lighting. Our system offers a range of Bluetooth® fixtures, controls and accessories that work seamlessly together. From a single light to an entire home, your smart lighting search starts and ends here.

HALO Home offers lots of control options – from Bluetooth in-wall wired switches to Bluetooth-enabled wireless "anyplace" controls, user-friendly mobile apps, web application, or all of the above. No internet connection or hub is required to get started; you can easily configure the lights using Bluetooth connection and any smart device.

Install

Install HALO Home Bluetooth-enabled products

Connect

Download the secure HALO Home App

Control

Control your lights with your mobile device

Specifications, compliances and dimensions subject to change without notice

HALO Home Smart Lighting System

LED Products

HALO Home app

Our user-friendly mobile app lets you control lighting from your fingertips, and from anywhere in the world (with the optional Smart Internet Access Bridge). Available for iOS and Android, it features dimming, adjustable white tuning, grouping, automatic scheduling and more.

Available on the App Store

ANDROID APP ON Google play

Voice control compatible

Customize your home lighting with anywhere in the world access and voice control. HALO Home is compatible with Amazon Alexa and Google Assistant products, when paired with the optional Smart Internet Access Bridge.

Flexible and scalable

HALO Home is a simple and flexible connected option, with the ability to install as little as one smart light or scale up to control the entire home through the easy-to-use HALO Home app.

Adjustable white tuning

Select the perfect color for your mood and beautifully complement your home. The HALO Home smart lighting fixtures provide the ability to adjust color temperatures from 2700K (warm white) to 5000K (daylight).

HALO Home

RL4 - Bluetooth

RL4

4" LED All-Purpose Retrofit Module with Bluetooth Mesh Connectivity

The Halo Home RL4 is an integrated LED module with Bluetooth® Mesh connectivity for 4" aperture recessed downlights. When paired with the Halo Home mobile app or Halo Home Accessory dimmers, the RL4 can be wirelessly controlled. Suitable for new construction, remodel and retrofit installation. Listed for use with Halo 4" housings and classified for use with other 4" housings, airtight and can be used with housings in direct contact with insulation. The RL4 is designed to connect to the Halo Home Bluetooth Mesh network with no hub or internet connection required.

Features

Wireless System
- For use with the Halo Home mobile app.
- Bluetooth low energy (BLE) mesh allows on/off, white tuning and lumen output to be controlled wirelessly with companion wall switches, smart phones and tablets using Halo Home mobile application.
- Group, schedule, scenes and automate lighting actions through Halo Home mobile app. HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Wireless Pairing
- See Halo quick start guide for wireless setup, guidance and troubleshooting.

Module - Trim
- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM at the CCT endpoints and 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has an adjustable range from 2700K to 5000K within the mobile app (factory default 3000K)
- 50,000 hour life

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Driver
- Integral 120V 50/60 Hz constant current driver provides noise free operation
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets and quick start guide for more information

Dimming
- In the mobile app, continuous, flicker-free dimming from 100% to 5%.
- It is not recommended with any in wall dimmers.

Retention
- Push-N-Twist universal installation clips
- Clips are pre-installed and designed to fit 4" compatible recessed housings

Designer Skins (sold separately)
- RL4 skins are accessory rings that attach to the RL4 for a permanent finish. Refer to the RL4 accessories specification sheet for details.
  - White (Paintable)
  - Satin Nickel
  - Tuscan Bronze

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Factory Reset
Using the wall switch repeat this process 4 times: OFF for 2 seconds + ON for 6 seconds. The RL4 will flash twice after successful reset.

Compliance
- cULus certified for use with Halo housings and other's housings
- Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings
- Lighting Facts labeled
- FCC ID: 2AKCY-RL4BLE
- IC Code: 4706A-RL4BLE

Warranty
Five year limited warranty, consult website for details.
www.eaton.com/lighting/legal

RL4 Energy Data

Input Voltage	120V
Input Current	.069 A
Input Power	8 W
Inrush (A)	2.3 A
THD: ≤ 20%	
PF: ≥ 0.90	
T Ambient -40 - +40°C	
Sound Rating ≤ 22.5dba	

RL4 Series Ordering Information

Models	Lumens	CRI / CCT	Protocol	Finish	Accessories
RL4 = 4" all- purpose retrofit LED module	**06** = 600 lumens (nominal)	**9** = 90 CRI minimum, white tuning, select CCT 2700K – 5000K, in the mobile app	**BLE40A** = Bluetooth Mesh wireless control, 4.0	**WH** = matte white baffle	**RL4TRMWHB** = 4" White Paintable Trim Ring, Baffle **RL4TRMSNB** = 4" Satin Nickel Trim Ring, Baffle **RL4TRMTBZB** = 4" Tuscan Bronze Trim Ring, Baffle **RL4TRMWH** = 4" White Paintable Trim Ring **RL4TRMSN** = 4" Satin Nickel Trim Ring **RL4TRMTBZ** = 4" Tuscan Bronze Trim Ring

Specifications, compliances and dimensions subject to change without notice

HALO Home

RL56 - Bluetooth

RL56

5"/6" LED All-Purpose Retrofit Module with Bluetooth Mesh Connectivity

The Halo Home RL56 is an integrated LED module with Bluetooth® Mesh connectivity for 5" & 6" aperture recessed downlights. When paired with the Halo Home mobile app or Halo Home Accessory dimmers, the RL56 can be wirelessly controlled. Suitable for new construction, remodel and retrofit installation. Listed for use with Halo 5" & 6" housings and classified for use with other 5" & 6" housings, airtight and can be used with housings in direct contact with insulation. The RL56 is designed to connect to the Halo Home Bluetooth Mesh network with no hub or internet connection required.

Features

Wireless System
- For use with the Halo Home mobile app.
- Bluetooth low energy (BLE) mesh allows on/off, white tuning and lumen output to be controlled wirelessly with companion wall switches, smart phones and tablets using Halo Home mobile application.
- Group, schedule, scenes and automate lighting actions through Halo Home mobile app.
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Wireless Pairing
- See Halo quick start guide for wireless setup, guidance and troubleshooting.

Module - Trim
- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM at the CCT endpoints and 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has an adjustable range from 2700K to 5000K within the mobile app (factory default 3000K)
- 50,000 hour life

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Driver
- Integral 120V 50/60 Hz constant current driver provides noise free operation
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets and quick start guide for more information

Dimming
- In the mobile app, continuous, flicker-free dimming from 100% to 5%.
- It is not recommended with any in wall dimmers.

Retention
- Integral torsion springs and Push-N-Twist universal installation clips offer two mounting options
- Clips are pre-installed and designed to fit 5" & 6" compatible recessed housings

Designer Skins (sold separately)
- RL56 skins are accessory rings that attach to the RL56 for a permanent finish. Refer to the RL56 accessories specification sheet for details.
  - White (Paintable)
  - Satin Nickel
  - Tuscan Bronze

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Factory Reset
Using the wall switch repeat this process 4 times: OFF for 2 seconds + ON for 6 seconds. The RL56 will flash twice after successful reset.

Compliance
- cULus certified for use with Halo housings and other's housings
- Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings
- Lighting Facts labeled
- FCC ID: 2AKCY-RL56BLE
- IC code: 4706A-RL56BLE

Warranty
Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

RL56 Energy Data

Input Voltage	120V
Input Current	.082 A
Input Power	9.7 W
Inrush (A)	1.4 A
THD: ≤ 20%	
PF: ≥ 0.90	
T Ambient -40 - +40°C	
Sound Rating ≤ 22.5dba	

RL56 Series Ordering Information

Models	Lumens	CRI / CCT	Protocol	Finish	Accessories
RL56 = 5"/6" all-purpose retrofit LED module	**06** = 600 lumens (nominal)	**9** = 90 CRI minimum, white tuning, select CCT 2700K – 5000K, in the mobile app	**BLE40A** = Bluetooth Mesh wireless control, 4.0	**WH** = matte white baffle	RL56TRMWHB =5"/6" White Paintable Trim Ring, Baffle RL56TRMSNB =5"/6" Satin Nickel Trim Ring, Baffle RL56TRMTBZB =5"/6" Tuscan Bronze Trim Ring, Baffle RL56TRMWH =5"/6" White Paintable Trim Ring RL56TRMSN =5"/6" Satin Nickel Trim Ring RL56TRMTBZ =5"/6" Tuscan Bronze Trim Ring

HALO Home

FTS20C Flood - Bluetooth

Front View

Side View

Eave Mount

FTS20C

Twin Head LED Flood with Bluetooth Mesh Connectivity

The HALO Home smart LED floodlight incorporates Bluetooth® Mesh technology into a durable, twin head design for an advanced outdoor lighting solution built for high performance. Featuring a multitude of configurable settings including grouping, scheduling, dimming and white color tuning, the FTS20C does not require a hub and can be wirelessly controlled directly from any compatible smart device utilizing the Halo Home app, or any Halo Home wireless switch or dimmer.

Features

Wireless System

- For use with the HALO Home mobile app.
- Bluetooth low energy (BLE) mesh allows on/off and dimming to be controlled wirelessly with companion wall switches, smart phones and tablets using HALO Home mobile app.
- White tuning, grouping, scheduling and countdown timer controlled through HALO Home mobile app. HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more..

Construction

- Durable die-cast aluminum housing with UV stable clear lens
- Powder coated bronze or white finish
- Optically enhanced reflector improves efficiency and delivered lumens
- Tool-less head adjustment
- Wall or eave mounted to recessed or surface junction boxes

Electrical

- For use with 120-277V, 50/60Hz power source
- Maintenance-free LED's with 70,000 hours of life
- Operating temperature of -30°C to 40°C
- cULus listed for wet locations
- External supply wiring 75°C minimum

Optics

- Two-stage optics for maximum coverage
- Wirelessly controlled white tuning from 3000K to 5000K CCT (factory default 4000K)
- Wirelessly controlled dimming to 5%

Warranty

- Five year limited warranty

Note: Specifications and Dimensions subject to change without notice.

Area Coverage

Mounting Height	Length (L)	Width (W)	Area (Sq. Ft.)	Max F.C.
10 ft.	18	40	720	4.3
15 ft.	20	40	800	1.9
20 ft.	20	40	800	1.1

Note: Bronze fixture at a typical mounting angle of 30° from vertical

All figures based on minimum footcandle (FC) of 0.5 and 4000K CCT

FTS20C Energy Data @ 4000K

Voltage	120-277V, 50/60Hz
Power	22.8 W
Delivered Lumens*	2034
Efficacy*	89.2 (lm/w)
CCT	3000K - 5000K
CRI*	84
Protocol	Bluetooth Mesh 4.0

* Based on factory default setting of 4000K CCT

FTS20C Series Ordering Information

Application	Size	Nominal Wattage	Protocol	Finish
FT = Flood, Twin Head	**S** = Small	**20** = 20W	**C** = Connected Bluetooth Mesh Wireless Control, 4.0	**B** = Bronze **W** = White

Specifications, compliances and dimensions subject to change without notice

HALO Home

MST20C Motion Flood - Bluetooth

Front View

Side View

MST20C

Smart Motion Floodlight Twin Head LED Motion with Bluetooth Mesh Connectivity

The HALO Home Smart Motion Floodlight incorporates Bluetooth® Mesh technology into a durable, twin head LED motion sensor flood design for an advanced outdoor lighting solution built for high performance. Features configurable settings for both the motion sensor and floodlight, including sensitivity, duration and scene control, as well as grouping, scheduling, dimming and white color tuning. The MST20C does not require a hub and can be wirelessly controlled directly from any compatible smart device utilizing the HALO Home app, or any HALO Home controlers.

Eave Mount

Features

Wireless System

- For use with the HALO Home mobile app
- Bluetooth low energy (BLE) mesh allows on/off and dimming to be controlled wirelessly with companion wall switches, smart phones and tablets using Halo Home mobile app
- Dual Bluetooth module design allows for separate floodlight (device) and motion sensor (controller) function
- White tuning, grouping, scheduling, scenes and countdown timer controlled through HALO Home mobile app
- Motion sensitivity control from 0-100%
- Photocontrol sensitivity from 0-100%
  HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Construction

- Durable die-cast aluminum housing with UV stable clear lens
- Powder coated bronze or white finish
- Optically enhanced reflector improves efficiency and delivered lumens
- Tool-less head and motion sensor adjustment
- Wall or eave mounted to recessed or surface junction boxes

Electrical

- For use with 120-277V, 50/60Hz power sources
- Maintenance-free LED's with
- 70,000 hours of life
- Operating temperature of -30°C to 40°C
- cULus listed for wet locations
- External supply wiring 75°C minimum
- Motion sensor detects motion 180° up to 50 feet

Optics

- Two-stage optics for maximum coverage
- Wirelessly controlled white tuning from 3000K to 5000K CCT (factory default 4000K)
- Wirelessly controlled dimming to 5%

Warranty

- Five year limited warranty

Reset to Factory Settings

- Using the wall switch, repeat this process 4 times: OFF 2 seconds + ON for 6 seconds.
- The LED floodlight will flash twice after a successful reset.

Note: This will revert both the Floodlight and the associated Motion Sensor to their Factory Setting.

Making the most of Bluetooth Mesh

- HALO Home products communicate with each other and your mobile device using Bluetooth Mesh technology. As with any Bluetooth-enabled product, your smartphone will need to be within range to control a HALO Home device. You can strengthen and expand your Bluetooth network range by adding more HALO Home devices within your house.
- Visit halohomesupport.eaton.com/mesh to learn more.

Note: Specifications and Dimensions subject to change without notice.

Area Coverage

Mounting Height	Length (L)	Width (W)	Area (Sq. Ft.)	Max F.C.
10 ft.	18	40	720	4.3
15 ft.	20	40	800	1.9
20 ft.	20	40	800	1.1

Note: Bronze fixture at a typical mounting angle of 30° from vertical

All figures based on minimum footcandle (FC) of 0.5 and 4000K CCT

MST20C Energy Data @ 4000K

	MST20C18B	MST20C18W
Voltage	120-277V, 50/60Hz	120-277V, 50/60Hz
Power	22.8 W	22.8 W
Delivered Lumens*	2034	2034
Efficacy*	89.2 (lm/w)	89.2 (lm/w)
CCT	3000K - 5000K	3000K - 5000K
CRI*	84	84
Motion Sensor	Single PIR, 180° Detection	Single PIR, 180° Detection

* Based on factory default setting of 4000K CCT

FTS20C Series Ordering Information

Application	Head	Nominal Wattage	Protocol	Motion Sensor	Finish
MS = Motion Sensor	**T** = Twin	**20** = 20W	**C** = Connected Bluetooth Mesh Wireless Control, 4.0	**18** = 180° Detection	**B** = Bronze **W** = White

HALO Home

HIWMA1BLE40AWH In-Wall Smart Dimmer - Bluetooth

Only use with non-smart lights

HALO HOME EATON

Available on the App Store

Google play

Bluetooth®

HIWMA1BLE40AWH

In-Wall Smart Dimmer

Turn standard/non-smart lights into smart lights – enabling mobile ON/OFF, dimming, groups, scenes and schedules via Bluetooth, even when switched OFF at the dimmer. Control a single light or an entire room with group settings within the mobile app.

Features

Wireless System

- Utilizes Bluetooth Mesh 4.0
- Wireless range of up to 100 feet from Bluetooth device to device and up to 33 feet from Bluetooth smartphone/tablet to closest device.
- 2.4GHz signal frequency
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Wireless Pairing

- See Halo quick start guide for wireless setup, guidance and troubleshooting.

Features

- Control standard lights with the switch or free HALO Home app
- Features ON/OFF, Dimming, Groups, Schedules, and Scenes
- Works with dimmable LEDs, CFL, halogen, and incandescent bulbs and light fixtures

Environmental

- Rated for Indoor Use only. 32°F to 104°F (0°C to 40°C) damp locations

Design Features

- Range: Up to 100 feet line of sight
- Dimmer to have four 6" pre-stripped wire leads for line (black), load (red), ground (green) and neutral (white)
- Air-gap switch disconnects power from load forcing an OFF condition to safely work on the light fixtures.
- Air-gap switch will also disconnect power from the internal circuitry of the dimmer.
- Air-gap switch is a 1 way switch – power is connected through the air-gap switch when the air-gap plastic is in, and power does not go through the air-gap switch when the air-gap plastic is pulled out.
- Neutral wire will be required for installation
- Large paddle switch that actuates 2 switches. Upper part of paddle actuates one switch ON, and lower part of paddle actuates the other switch OFF for ON and OFF functions listed below.
- Thin dimmer rocker switch that also actuates 2 more switches. Upper part of rocker actuates one switch Brighten, and lower part of paddle actuates the other switch Dim for Brighten and Dim functions listed below.
- One status LED under firmware control
- Dimming state shall be retained in the event of AC power loss.
- Acoustic noise not to exceed 22 dBa SPL at 1 ft

Button Functions

- Dim up (Brighten) will brighten the lamps associated to the Smart Dimmer
- Dim down will dim the lamps associated to the Smart Dimmer
- ON will turn on the lamps associated to the Smart Dimmer
- OFF will turn off the lamps associated to the Smart Dimmer
- Holding the ON button for 12 seconds will factory reset the dimmer and it will also be in Bluetooth pairing mode.

Factory Reset

- Hold the ON button for 12 seconds to reset and claim to your account.

Certifications & Compliance

- cULus Listed, NOM Certified. Complies with FCC Part 15, Class B,
- Industry Canada RSS-Gen and RSS-247
- Title 24 and Title 20 Compliant
- NEMA SSL 7A Compliant type 1 Dimmer
- Bluetooth Certification 4.1 or higher + Mesh
- ROHS-2

Warranty

- Five year limited warranty, consult website for details. eaton.com/lighting/legal

Single Switch

HALO Home™ Smart Dimmer — Standard Light Fixtures

3-Way or multi-switch

HALO Home™ Smart Dimmer (Sold Separately) — Standard Light Fixtures — HALO Home™ Accessory Dimmers

HIWMA1BLE40AWH Ordering Information

Device	Generation	Radio	Finish
HIWMA = HALO In-Wall Accessory Dimmer[1]	**1**=1st generation	**BLE40A**=Bluetooth Low Energy 4.0	**WH**=White **BL**=Black **LA**=Light Almond

Multi-Unit Installation Chart

Device	Load Type	1-Gang	2-Gang	3-Gang
RF9540-N	INC/ELV/FLR/Halogen/MLV	600W/VA	550W/VA	500W/VA
	LED/CFL	300W	300W	300W

Specifications, compliances and dimensions subject to change without notice

HALO Home

HIWAC1BLE40AWH In-Wall Accessory Dimmer - Bluetooth

Only use with HALO Home lights

HIWAC1BLE40AWH

In-wall Accessory Dimmer

The HALO Home In-Wall Accessory Dimmer controls your HALO Home lighting devices from a central location. The Accessory Dimmer is designed to connect to the HALO Home Bluetooth Mesh network with no hub or internet connection required. The Accessory Dimmer can occupy any position in a multi-gang junction box, while the other positions of the junction box can be occupied by switches or other dimmers. The Accessory Dimmer can operate HALO Home lighting fixtures with single, 3-way or multi-switch controls. For standard lights, the Accessory Dimmer can be used for multi-switch control when paired with HALO Home In-wall Smart Dimmer.

Features

Wireless System
- Utilizes Bluetooth Mesh 4.0
- Wireless range of up to 100 feet from Bluetooth device to device and up to 33 feet from Bluetooth smartphone/tablet to closest device.
- 2.4GHz signal frequency
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Wireless Pairing
- See Halo quick start guide for wireless setup, guidance and troubleshooting.

Features
- Control HALO Home smart lights with the switch or free HALO Home app
- Features ON/OFF, Dimming Groups, Schedules, and Scenes
- Works with HALO Home smart LED lights only

Environmental
- Rated for Indoor Use only. 32°F to 104°F (0°C to 40°C) damp locations

Design Features
- Range: Up to 100 feet line of sight
- Dimmer to have four 6" pre-stripped wire leads for line (black), load (red), ground (green) and neutral (white)
- Air-gap switch disconnects power from load forcing an OFF condition to safely work on the light fixtures.
- Air-gap switch will also disconnect power from the internal circuitry of the dimmer.
- Air-gap switch is a 1 way switch – power is connected through the air-gap switch when the air-gap plastic is in, and power does not go through the air-gap switch when the air-gap plastic is pulled out.
- Neutral wire will be required for installation
- Large paddle switch that actuates 2 switches. Upper part of paddle actuates one switch ON, and lower part of paddle actuates the other switch OFF for ON and OFF functions listed below.
- Thin dimmer rocker switch that also actuates 2 more switches. Upper part of rocker actuates one switch Brighten, and lower part of paddle actuates the other switch Dim for Brighten and Dim functions listed below.
- One status LED under firmware control
- Dimming state shall be retained in the event of AC power loss.
- Acoustic noise not to exceed 22 dBa SPL at 1 ft

Button Functions
- Dim up (Brighten) will brighten the lamps associated to the Smart Dimmer
- Dim down will dim the lamps associated to the Smart Dimmer
- ON will turn on the lamps associated to the Smart Dimmer
- OFF will turn off the lamps associated to the Smart Dimmer
- Holding the ON button for 12 seconds will factory reset the dimmer and it will also be in Bluetooth pairing mode.

Factory Reset
- Hold the ON button for 12 seconds to reset and claim to your account.

Certifications & Compliance
- cULus Listed, NOM Certified. Complies with FCC Part 15, Class B
- Industry Canada RSS-Gen and RSS-247
- Title 24 and Title 20 Compliant
- NEMA SSL 7A Compliant type 1 Dimmer
- Bluetooth Certification 4.1 or higher + Mesh
- ROHS-2

Warranty
- Five year limited warranty, consult website for details. eaton.com/lighting/legal

Single Switch, 3-way or multi-switch with HALO Home Lighting Fixtures

Smart Lighting 3-way or multi-switch for standard lighting fixtures

HIWMA1BLE40AWH Ordering Information

Device	Generation	Radio	Finish
HIWAC = HALO In-Wall Accessory Dimmer[1]	**1**=1st generation	**BLE40A**=Bluetooth Low Energy 4.0	**WH**=White **BL**=Black **LA**=Light Almond

Multi-Unit Installation Chart

Device	Load Type	1-Gang	2-Gang	3-Gang
HIWAC1BLE40AWH	INC/ELV/FLR/Halogen/MLV	600W/VA	550W/VA	500W/VA
	LED/CFL	300W	300W	300W

HALO Home

HIWSKB1BLE40AWH Multi-Room Scene Keypad- Bluetooth

Battery Powered

HIWSKB1BLE40AWH

Battery Powered Multi-Room Scene Keypad

The HALO Home Multi-Room Scene Keypad allows you to control up to four lighting scenes or groups, ON/OFF and dimming throughout your home from a central location. The Keypad contains four (4) scene buttons, dim-up and dim-down buttons, and all scene OFF button. The Keypad is designed to connect to the HALO Home Bluetooth Mesh network with no hub or internet connection required. The battery powered keypad connects wirelessly to control HALO Home lights, controls and accessories throughout the home. It can be added to an existing bank of switches or placed in-wall wherever lighting control is desired.

Features

Wireless System
- Utilizes Bluetooth 4.1 with mesh networking topology.
- Wireless range of up to 100 feet from Bluetooth device to device and up to 33 feet from Bluetooth smartphone/tablet to closest device.
- 2.4GHz signal frequency.
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Wireless Pairing
- See HALO Quick Start Guide for wireless setup, guidance and troubleshooting.

Features
- Turn scenes ON/OFF from the Scene Keypad or the free HALO Home app.
- Features four scene buttons, dim-up and dim-down buttons, and an all-off button.
- Works with HALO Home smart LED lights or group of lights on the same circuit with the HALO Home Smart Dimmer.

Environmental
- Rated for Indoor Use only. 32°F to 104°F (0°C to 40°C) damp locations.

Design Features
- Range: Up to 100 feet line of sight.
- One status LED under firmware control.
- Acoustic noise not to exceed 22 dBa SPL at 1 ft.

Button Functions
- Four (4) buttons to turn on up to four scenes or groups.
- Dim up (Brighten) will brighten the lamps associated to an active scene.
- Dim down will dim the lamps associated to an active scene.
- OFF will turn off the lamps associated to an active scene.

Factory Reset
- Press the 1 button 4 times, then the OFF button 4 times, then the 1 button 4 times.
- The LED indicator will stay on for 5 seconds then blink for 30 seconds on a successful reset.

Certifications & Compliance
- cULus Listed. Complies with FCC Part 15, Class B, Industry Canada RSS-Gen and RSS-247.
- Title 24 and Title 20 Compliant.
- Bluetooth Certification 4.1 or higher + Mesh networking toplogy.
- ROHS-2.

Warranty
- Five year limited warranty, consult website for details. eaton.com/lighting/legal

HIWSKB1BLE40AWH Ordering Information

Device	Power Source	Generation	Radio	Finish
HIWSK = HALO In-Wall Scene Keypad	**B**=Battery powered	**1**=1st generation	**BLE40A**=Bluetooth Low Energy 4.0	**WH**=White

Specifications, compliances and dimensions subject to change without notice

HALO Home

HWAS1BLE40AWH Anyplace Bluetooth Dimmer- Bluetooth

HWAS1BLE40AWH

Anyplace Bluetooth Dimmer

The HALO Home Anyplace Bluetooth Dimmer allows for HALO Home Bluetooth Mesh compatible light fixtures to be controlled from a handheld remote controller, through the Bluetooth Mesh connection. The light fixture can be controlled from the remote controller or through the HALO Home mobile app, using a smart phone or other device. The Anyplace Dimmer is designed to connect to the HALO Home Bluetooth Mesh network with no hub or internet connection required.

Features

Wireless System

- Utilizes Bluetooth Mesh 4.0
- Wireless range of up to 100 feet (line of sight) to nearest device 2.4GHz signal frequency.
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Features

- Using the HALO Home app and the Anyplace Dimmer, each Bluetooth Mesh lighting fixture has the ability for:
  - On/Off
  - Dimming
- Turn on/off and adjust dim levels using the battery operated switch or via smartphone or tablet equipped with Bluetooth.
- HALO Home RLs dim down to 5%

Mounting

- Use 2 screws or provided double sided tape to mount to walls

Compatible Products

- The Anyplace Dimmer must be paired with another HALO Home device.
- Contents:
  - 3 replaceable CR2032 batteries
  - Adhesive mounting tape
  - Mounting screws

Compliance

- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits

Warranty

- Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

HWAS1BLE40AWH Ordering Information

Device	Protocol	Finish
HWAS1= HALO Home Anyplace Dimmer	**BLE40A**=Bluetooth wireless mesh 4.0 control	**WH**=White

HALO Home

HWB1BLE40AWH Internet Access Bridge- Bluetooth

HWB1BLE40AWH

Internet Access Bridge

The HALO Home Internet Access Bridge (Bridge) enables you to control your HALO Home devices and accessories from anywhere in the world. The Bridge establishes a secure connection between your local Bluetooth network and the HALO Home Cloud, enabling you to take advantage of an ever-increasing lineup of Cloud services, including Amazon Alexa and Google Assistant. Wireless router and Internet connection are required.

Features

Wireless System
- Utilizes Bluetooth Mesh 4.0
- Wireless range of up to 50 feet of closest HALO Home Bluetooth devices and Wi-Fi router.
- 2.4GHz signal frequency
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Features
- Using the HALO Home app and the HHIAB each lighting fixture has the ability for:
- Control your lighting system from anywhere in the world
- Control your lighting system using Amazon Alexa and Google Assistant

Integration
- HHIAB allows for integration and control of any Halo Home device through the following Cloud services.
- Amazon Alexa
- Google Assistant

Indicators
- Bluetooth and Wi-Fi LED indicators inform you once connection is made

Manual Reset
- Manual reset button located on the device to reset to factory settings

Driver
- For use with 110/220V compatible sockets

Compatible Products
- Any HALO Home lighting device and the HALO Home app

Compliance
- cULus listed
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits

Warranty
- Five year limited warranty, consult website for details www.eaton.com/lighting/legal

HWB1BLE40AWH Ordering Information

Device	Generation	Protocol	Finish
HWB = Portable Wireless Switch	**1** = First	**BLE40A**=Bluetooth wireless mesh 4.0 control	**WH**=White

Specifications, compliances and dimensions subject to change without notice

HALO Home

HWP1BLE40AWH Smart Plug-In Lamp Dimmer - Bluetooth

HWP1BLE40AWH

Smart Plug-In Lamp Dimmer

The HALO Home Smart Plug-In Lamp Dimmer enables convenient control for standard floor and table lamps using the HALO Home mobile app. Combine with more HALO Home light fixtures and accessories to create groups and scenes throughout the home. Smart Plug-In Lamp Dimmer is for lamps only.

Features

Wireless System

- Utilizes Bluetooth Mesh 4.0
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Features

- Manual ON/OFF and brightness control with the side panel push button
- Using the HALO Home app with the Lamp Dimmer you can program the following controls:
  - On/Off
  - Dimming
  - Groups
  - Scheduling
  - Scenes

Driver

- Grounded 3-wire power connection for safety
- Power: 120VAC, 60Hz
- For use with 110/120V compatible sockets

Compatible Products

- 2.5A; 300W Incandescent or 150W Dimmable CFL/LED
- Maximum load for the Bluetooth-controlled outlet: 2.5A, 300W Incandescent or 150W Dimmable CFL/LED.

Factory Reset

- Hold the ON button for more than 15 seconds
- Constant flashing of blue status indicator light indicates successful reset.

Compliance

- UL Certified for US and Canada
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Operating Temperature Range: -30 C to +45C

Warranty

- Five year limited warranty, consult website for details eaton.com/lighting/legal

HWP1BLE40AWH Ordering Information

Device	Driver	Finish
HWP1 = Smart Plug-In Lamp Dimmer	**BLE40A**=Bluetooth wireless mesh 4.0 control	**WH**=White

HALO Home

HWAD1BLE40AWH Smart Light Adapter- Bluetooth

HWAD1BLE40AWH

Smart Light Adapter

The HALO Home Smart Light Adapter lets you control non-smart fixtures wirelessly with the HALO Home app. The Smart Light Adapter can be used to add wireless control to any light or group of lights. The Smart Light Adapter enables individual fixture control, dimming, groups scenes and schedules from a mobile device or tablet. Combine with more HALO Home products to create a whole home lighting system.

Features

Wireless Systems
- Wireless Range Up to 100 feet from Bluetooth device.
- Up to 33 feet from Bluetooth smartphone/tablet to closest device
- Signal (frequency) 2.4 GHz
- HALO Home products work better together. Smartphone will need to be within range to control a HALO Home device. Expand and strengthen the Bluetooth network range by adding more HALO Home devices. Visit halohomesupport.eaton.com to learn more.

Features
- Using the HALO Home app and the Wireless Adapter lighting device has the following capabilities:
  - On/Off
  - Dimming
  - Groups
  - Scheduling
  - Scenes
- Works with dimmable LED fixtures only
- Control any LED module with adapter

Input
- For use with 85-120V, 60Hz
  Max mains current 0.65A. No load standby power less than 0.2W

Output
- Dimmable LED 15W @120V
- Max output current 0.65A
- Minimum load requirement of 1W

Environmental
- Rated for Indoor Use only. 32°F to 104°F (0°C to 40°C) damp locations

Module
- Module construction includes smart light adapter, two connection points

Compatible Products
- Connects to dedicated LED recessed housing
- Connects to non-LED recessed housing with and Edison Adapter (not included)

Factory Reset
- Repeat this process 4 times: Disconnect for 0.5 to 4 seconds then ON for 5 to 9 seconds

Compliance
- cULus listed
- EMI/RFI emissions per FCC 47 CRF Part 15 consumer limits
- Operating Temperature Range: -30C to +40C

Warranty
- Five year limited warranty, consult website for details.
- eaton.com/lighting/legal

HWAD1BLE40AWH Ordering Information

Device	Protocol	Finish
HWAD1 = Smart Light Adapter	**BLE40A**=Bluetooth wireless mesh 4.0 control	**WH**=White

Specifications, compliances and dimensions subject to change without notice

LED Recessed Downlighing

LED Housings **40**

LED Modules **54**
LT 54
LA 56
RL 58
RA 65
RSQ 70
ML4 73
ML56 79

Integrated LED **83**
HL3 83
H4 96
HL6 105

LED Recessed Housing

H995ICAT

H995ICAT

4" IC, Air-Tite, New Construction LED Housing

The H995ICAT is a dedicated LED small aperture IC Air-Tite™ housing for use with Halo RA4, RL4, LT4 series LED modules and may be used with SLD4 series with the SLD spring kit. It is designed for use in insulated ceilings where it will be in direct contact with insulation*. It is an Air-Tite™ housing designed to restrict air flow between conditioned spaces and unconditioned areas. The LED connection is non-screw base to preserve the high efficacy rating of the luminaire.

Special Features

Got Nail!™ bar hangers
Pass-N-Thru™ bars
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible LED Modules

RA4	LA4	BLD4
RL4	RSQ4	ML4
SLD4	RLD4	
LT4	SMD4	

Features

Housing

- Double wall aluminum construction helps dissipate heat. The inner housing can be adjusted in the plaster frame to compensate for different ceiling materials.
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Inner housing adjusts for ceilings up to 1" thick

Plaster Frame

- Galvanized steel die-formed construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Air-Tite aperture gasket is pre-installed
  - Halo identity embossed on plaster frame

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Module Connection

Compatible Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw base LED connection preserves the high efficacy rating of the luminaire (see also LED Module specifications).

Compliance

- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with designated Halo LED lighting systems.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED lighting systems.
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

LED Recessed Housing

H995RICAT

H995RICAT

4" IC, Air-Tite, Remodel LED Housing

The Halo H995RICAT is a dedicated LED remodel small aperture IC Air-Tite housing for use with Halo RA4, RL4, LT4 series LED modules and may be used with SLD4 series with the SLD spring kit. It is designed for installation into existing insulated ceilings where it will be in direct contact with insulation*. It is an Air-Tite housing designed to restrict air flow between conditioned spaces and unconditioned areas. The LED connection is non-screw base to preserve the high efficacy rating of the luminaire.

Special Features

Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible LED Modules

RA4	LA4	BLD4
RL4	RLQ4	ML4
SLD4	RLD5	
LT4	SMD4	

Features

Housing
- Single wall formed aluminum construction. Openings are gasketed for Air-Tite installation.
- 5-1/2" height allows use in shallow joist construction
- Air-Tite aperture gasket is pre-installed

Remodel Arm
Spring steel construction designed for ease of installation and ceiling support

Remodel Springs
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Module Connection
Compatible Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw base LED connection preserves the high efficacy rating of the luminaire (see also LED Module specifications).

Compliance
- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with designated Halo LED lighting systems
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED lighting systems
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

LED Recessed Housing

H245ICAT

H245ICAT

4" IC, Air-Tite, Ultra-Shallow New Construction LED Housing

The H245ICAT is a 4" aperture ultra-shallow new construction housing for use with LED integrated trims. Suitable for 2x4 residential framing or shallow plenum commercial construction, type IC rated and can be used in direct contact with insulation and is air tight rated. Use with HALO LT4, RL4, RA4, RSQ4, SMD4, SLD4 LED integrated trims and the ML4 LED modular recessed lighting system.

Special Features

Got Nail!™ bar hangers
Pass-N-Thru™ bars
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible LED Modules

RA4	LA4	BLD4
RL4	RSQ4	ML4
SLD4	RLD4	
LT4	SMD4	

Features

Housing

- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Adjusts vertically to accommodate 1/2" to 1-1/4" thick ceilings and locks in position with (3) set screws
- V notches on plaster lip facilitate use of guide strings or laser lines for precise positioning
- Integral gasket provides for airtight compliance
- Shipped with overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame

- Compact galvanized steel plaster frame with integral bar hanger receivers
- Regressed screw provide positive horizontal bar hanger locking from below the ceiling
- Crimp points also provide for horizontal bar hanger locking

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Module Connection

Compatible Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw base LED connection preserves the high efficacy rating of the luminaire (see also LED Module specifications).

Compliance

- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with designated Halo LED lighting systems.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED lighting systems.
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

LED Recessed Housing

H245RICAT

H245RICAT

4" IC, Air-Tite, Ultra-Shallow Remodel LED Housing

The H245RICAT is a 4" aperture ultra-shallow remodel housing for use with LED integrated trims. Installs from below the ceiling and suitable for 2x4 residential or shallow plenum commercial construction. Suitable for direct contact with insulation and is air tight rated. Use with HALO LT4, RL4, RA4, RSQ4, SMD4, SLD4 LED integrated trims and the ML4 LED modular recessed lighting system.

Special Features

Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible LED Modules

RA4	LA4	BLD4
RL4	RSQ4	ML4
SLD4	RLD4	
LT4	SMD4	

Features

Housing
- Die formed aluminum housing can be installed from below the ceiling and accommodate ceilings from 3/8" – 3/4" thick.
- Shipped with paint overspray protector installed.

Mounting Springs
- Captive preinstalled mounting springs retain housing securely in ceiling.
- Housing can be removed for service or splice inspection.

Gasket
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking.

Includes:
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Module Connection
Compatible Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw base LED connection preserves the high efficacy rating of the luminaire (see also LED Module specifications).

Compliance
- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations.
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.
- Wet location listed in covered ceilings and IP56 certified with select lens trims.
- Airtight per ASTM-E283.
- Can be used for State of California Title 24 high efficacy luminaire compliance with designated integrated LED trims.
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.

LED Recessed Housing

H45ICATD010

H45ICATD010

4" IC, Air-Tite, Shallow New Construction LED Housing

The H45ICATD010 is a 4" aperture shallow new construction housing for use with LED integrated trims. Installs during electrical rough in 2x6 residential or shallow plenum commercial construction. Suitable for direct contact with insulation and is air tight rated. Use with HALO LT4, RL4, RA4, RSQ4, SMD4, SLD4 LED integrated trims and the ML4 LED modular recessed lighting system.

Special Features

Got Nail!™ bar hangers
Pass-N-Thru™ bars
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible LED Modules

RA4	LA4	BLD4
RL4	RSQ4	ML4
SLD4	RLD4	
LT4	SMD4	

Features

Housing

- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Adjusts vertically to accommodate 1/2" to 1-1/4" thick ceilings and locks in position with (3) set screws
- V notches on plaster lip facilitate use of guide strings or laser lines for precise positioning
- Integral gasket provides for airtight compliance
- Shipped with overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame

- Compact galvanized steel plaster frame with integral bar hanger receivers
- Regressed screw provide positive horizontal bar hanger locking from below the ceiling
- Crimp points also provide for horizontal bar hanger locking

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Module Connection

Compatible Halo LED modules simply install with a plug-in line voltage wiring connector (UL and CSA Listed Luminaire Disconnect). This non-screw base LED connection preserves the high efficacy rating of the luminaire (see also LED Module specifications).

Compliance

- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with designated Halo LED lighting systems.
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED lighting systems.
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

LED Recessed Housing

H45RICATD010

H45RICATD010

4" IC, Air-Tite, Shallow Remodel LED Housing

The H45RICATD010 is a 4" aperture shallow remodel housing for use with LED integrated trims. Installs from below the ceiling and is suitable for 2x6 residential or shallow plenum commercial construction. Suitable for direct contact with insulation and is air tight rated. Use with HALO LT4, RL4, RA4, RSQ4, SMD4, SLD4 LED integrated trims and the ML4 LED modular recessed lighting system.

Special Features

Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible LED Modules

RA4	LA4	BLD4
RL4	RSQ4	ML4
SLD4	RLD4	
LT4	SMD4	

Features

Housing
- Die formed aluminum housing can be installed from below the ceiling
- Accommodate ceilings from 3/8" to 1-1/4" thick
- Shipped with paint overspray protector installed

Mounting Springs
- Captive preinstalled mounting springs retain housing securely in ceiling.
- Housing can be removed for service or splice inspection.

Gasket
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking.

Includes:
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Module Connection
- Two-conductor wire mount connector is rated for 120-277V and mates with Halo® LT4, RL4, RA4 and ML4 family of LED integrated trims.
- CAUTION: verify LED module input voltage is compatible with the input voltage of the housing. If uncertain, consult a qualified electrician
- Separate two-conductor wire mount connector for 0 – 10V low voltage control

Compliance
- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations.
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.
- Wet location listed in covered ceilings and IP56 certified with select lens trims.
- Airtight per ASTM-E283.
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS compliant
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting

LED Recessed Housing

H550ICAT

H550ICAT

5" IC, Air-Tite, New Construction, LED Housing

The H550ICAT is a dedicated LED new construction housing to be used with compatible Halo LED modules and trims. The H550ICAT is designed for insulated ceilings and can be in direct contact with ceiling insulation*. This Air-Tite housing design restricts airflow between conditioned spaces and unconditioned areas. The H550ICAT connector system provides high efficacy code compliance when used with a compatible Halo LED lighting systems.

Can be used for IECC International Energy Conservation Code High Efficacy Compliance

T24 Can be used to comply with California Title 24 High Efficacy requirements

T20 Certified to California Title 20 Appliance Database

RoHS Compliant

c UL us LISTED

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible LED Lighting Systems

ML56 with 59x Series Trims

SLD6	LA56
RL56	RSQ5
RA56	BLD6
LT56	SMD6

Features

Housing

- Single wall aluminum housing
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Air-Tite™ aperture gasket is pre-installed
  - Halo identity embossed on plaster frame

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Module Connection

- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (see LED module specifications)
- LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

Compliance

- cULus Listed 1598 luminaire
- cULus Listed for feed through
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- Rated for 20W maximum
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with Title 20 Certified Halo LED
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED modules and trims
- Refer to specification sheets online for additional compliance information
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

LED Recessed Housing

H550RICAT

H550RICAT

5" IC, Air-Tite, Remodel, LED Housing

The H550RICAT is a dedicated LED remodel housing to be used with compatible Halo LED modules and trims. The H550RICAT is designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation*. This Air-Tite housing design restricts airflow between conditioned spaces and unconditioned areas. The H550RICAT LED connector system provides high efficacy code compliance when used with compatible Halo LED lighting systems.

Can be used for IECC International Energy Conservation Code High Efficacy Compliance

T24 Can be used to comply with California Title 24 High Efficacy requirements

T20 Certified to California Title 20 Appliance Database

RoHS Compliant

c UL us LISTED

airtite

Special Features

Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible LED Lighting Systems

ML56 with 59x Series Trims

SLD6	LA56
RL56	RSq5
RA56	BLD6
LT56	SMD6

Features

Housing

- Single wall aluminum housing
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- For installation from below the finished ceiling Integral flange secures fixture against ceiling
- Halo identity embossed on can top

Junction Box

- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Four type non-metallic (NM) cable pry-outs simplify installation

Includes:

- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Remodel Springs

Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

LED Module Connection

- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specifications)
- LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

Compliance

- cULus Listed 1598 luminaire
- cULus Listed for feed through
- cULus Listed for damp location
- cULus Listed for wet location with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- Rated for 20W maximum
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with Title 20 Certified Halo LED
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated Halo LED modules and trims
- Refer to specification sheets online for additional compliance information
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

LED Recessed Housing

H750ICAT

H750ICAT

6" ICAT, Air-Tite, New Construction, LED Housing

The H750ICAT is a LED new construction housing to be used with compatible Halo LED modules and trims. The H750ICAT is designed for insulated ceilings and can be in direct contact with ceiling insulation*. The Air-Tite™ housing design restricts airflow between conditioned spaces and unconditioned areas. The H750ICAT connector system provides high efficacy code compliance when used with a Halo LED lighting systems.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible LED Modules & Trims

ML56 with 69x series trims

SLD6	RLD6
RL56	RSQ6
RA56	BLD6
LT56	SMD6
LA56	

Features

Housing
- Single wall aluminum housing
- Openings are gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame
- Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Air-Tite™ aperture gasket is pre-installed
  - Halo identity embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Module Connection
- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specifications)

Application Note
LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- CE Marking - "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance with used with ML56 series LED modules
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential (with ceiling gasket GA-ATH7-6PK or caulk)
- Rated for 20W maximum
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with Title 20 Certified Halo LED
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED modules and trims
- Refer to LED module specification sheets online for additional compliance information
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

LED Recessed Housing

H750RICAT

H750RICAT

6" ICAT, Air-Tite, Remodel, LED Housing

The H750RICAT is a LED remodel housing to be used with compatible Halo LED modules and trims. The H750RICAT is designed for remodel applications in insulated ceilings and can be in direct contact with ceiling insulation*. The Air-Tite™ housing design restricts airflow between conditioned spaces and unconditioned areas. The H750RICAT LED connector system provides high efficacy code compliance when used with compatible Halo LED lighting systems.

Special Features

Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible LED Modules & Trims

ML56 with 69x series trims

SLD6	RLD6
RL56	RSQ6
RA56	BLD6
LT56	SMD6
LA56	

Features

Housing
- Single wall aluminum housing
- Openings are gasketed for Air-Tite™
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- Halo identity embossed on can top

Remodel Springs
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Module Connection
- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specifications)

Application Note
LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- CE Marking - "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance with used with ML56 series LED modules
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- Rated for 20W maximum
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy compliance with Title 20 Certified Halo LED
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED modules and trims
- Refer to LED module specification sheets online for additional compliance information
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

LED Recessed Housing

H750T

H750T

6" Non-IC, New Construction, LED Housing

The H750T is a LED new construction housing to be used with compatible Halo LED modules and trims. The H750T is designed for non-insulated ceilings. If insulation is present it must be kept three inches from all sides of the housing. The H750T LED connector system provides high efficacy code compliance when used with compatible Halo LED lighting systems.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible LED Modules & Trims

ML56 with 69x series trims

SLD6	RLD6
RL56	RSQ6
RA56	BLD6
LT56	SMD6
LA56	

Features

Housing
- Single wall aluminum housing with white semi-gloss paint finish

Plaster Frame
- Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Air-Tite™ aperture gasket is pre-installed
  - Halo identity embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)

LED Module Connection
- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specifications)

Application Note
LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- CE Marking - "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance with used with ML56 series LED modules
- Rated for 20W maximum
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED modules and trims
- Can be used for State of California Title 24 non-residential high efficacy compliance with Halo LED systems
- Refer to LED module specification sheets online for additional compliance information
- RoHS compliant

Specifications, compliances and dimensions subject to change without notice

LED Recessed Housing

H750TCP

H750TCP

6" Non-IC, New Construction or Remodel, Chicago Plenum, LED Housing

The H750TCP is a LED new construction/remodel Non-IC housing to be used with compatible Halo LED modules and trims. The H750TCP is designed for Chicago Plenum ceilings. Insulation must be kept a minimum of 3" from all sides of housing. The H750TCP LED connector system provides high efficacy code compliance when used with compatible Halo LED lighting systems.

Special Features

Quick Connect™ push wire nuts

Compatible LED Modules & Trims

ML56 with 69x series trims

SLD6	RLD6
RL56	RSQ6
RA56	BLD6
LT56	SMD6
LA56	

Features

Housing
- Single wall aluminum housing with white semi-gloss paint finish
- Constructed and gasketed to meet Chicago CCEA requirements

Plaster Frame
- "Boat shaped" plaster frame design for new construction or remodel in existing ceilings
- Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness

Bar Hangers
- Bar hangers overlap for housing adjustment within joist spans
- Crimp tabs on plaster frame lock bars into position
- Optional TB-7 T-bar clips secure bar hangers to suspended grid ceilings

Junction Box
- Positioned to accommodate straight conduit runs
- Seven 1/2" trade size conduit knockouts with true pry-out slots

Includes:
- Quick Connect™ push wire nuts (Details Pg. 13)

LED Module Connection
- Halo LED modules install with a plug-in 120V-277V rated line voltage wiring connector (UL and CSA Listed luminaire disconnect)
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (see LED module specifications)

Application Note
LED connection is rated for 120V and 277V input. Installer must verify LED module voltage is compatible with the applicable voltage input. If uncertain, consult a qualified electrician.

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- Rated for 20W maximum
- Use with designated Halo LED systems for ENERGY STAR® certification
- Can be used for International Energy Conservation Code (IECC) high efficacy compliance with designated LED modules and trims
- City of Chicago Plenum construction
- Refer to LED module specification sheets online for additional compliance information

LED Recessed Housing

E750ICAT

E750ICAT

6" IC, New Construction, LED Housing

Recessed 6" aperture new construction housing for use with LED integrated trims or modules. Suitable for 2x8 residential framing or commercial plenum construction, type IC rated and can be used in direct contact with insulation. Airtight rating reduces airflow between living spaces and unconditioned areas providing additional energy savings. Use with Halo LT56, SMD6, RL56, RA56, SLD6 LED integrated trims and the ML56 LED modular recessed lighting system.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible LED Modules & Trims

LT56
LA56
RL56
RA56
RSQ6
SLD6
SMD6
ML56 modular lighting system

Features

Housing

- Single wall precision rolled aluminum housing with interlocking construction maintains concentricity
- Adjusts vertically to accommodate 3/8" to 1" thick ceilings and locks in position with (3) setscrews
- V notches facilitate use of guide strings or laser lines for precise positioning
- Shipped with paint overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame

- Compact galvanized steel plaster frame with integral bar hanger receivers
- (2) regressed screws provide positive horizontal bar hanger locking from below the ceiling
- Integral gasket achieves ASTM-E283 airtight code compliance without additional gaskets or caulk

Junction Box

- Compact galvanized steel junction box with 16in³ internal volume
- Listed for (10) #12 or (14) #14 AWG 90˚ C splice conductors
- (4) ½" conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Hinged door with offset cover for easy wire access
- Junction box is repositionable 90° on plaster frame to avoid obstructions

Bar Hangers

- Captive preinstalled All-Nail™ bar hangers support housing at any point along span
- Pass-N-Thru™ feature adjust bars from 7-1/4" to 24" wide without removal
- Score lines allow "tool-less" shortening for 12" joists
- Captive nail penetrates standard and engineered lumber
- Leveling flange aligns plaster frame with framing
- Integral clip attaches directly to tee-bar

Connector

- Two-conductor wire mount connector is rated for 120-277V. CAUTION – verify LED module input voltage is compatible with the input voltage of the housing. If uncertain, consult a qualified electrician
- cULus listed with Halo® LT56, SMD6, RL56, RA56, SLD6 and ML56 family of LED integrated trims

Compliance

- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP56 certified with select trims
- Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS compliant

Specifications, compliances and dimensions subject to change without notice

LED Recessed Housing

E750RICAT

E750RICAT

6" IC, Remodel, LED Housing

Recessed 6" aperture install from below remodeler type housing for use with LED integrated trims or modules. Suitable for 2x8 residential framing or commercial plenum construction, type IC rated and can be used in direct contact with insulation*. Airtight rating reduces airflow between living spaces and unconditioned areas providing additional energy savings. Use with Halo® LT56, SMD6, RL56, RA56, SLD6 LED integrated trims and the ML56 LED modular recessed lighting system.

Special Features

Quick Connect™ push wire nuts

Compatible LED Modules & Trims

LT56	RSQ6	ML56 modular lighting system
LA56	SLD6	
RL56	SMD6	
RA56		

Features

Housing

- Single wall precision rolled aluminum housing maintains concentricity
- Mounting flange secures housing to building structure for below the ceiling installation
- Integral gasket achieves ASTM-E283 airtight code compliance without additional gaskets or caulk
- Shipped with overspray protector installed

Speed Clamps

- (2) exclusive speed clamps adjusts to accommodate 3/8" to 2" thick ceilings
- Combination hex, slot and Philips drive screws actuate clamps and speed installation
- Clamps can be loosened from below the ceiling for repositioning or splice inspection

Junction Box

- Integral compact galvanized steel junction box with 10in³ internal volume is attached directly to housing to clear obstructions and fit in tight spaces
- Listed for (6) #12 or (8) #14 AWG 90° C splice conductors
- (3) ½" conduit pry-outs positioned to allow straight conduit runs
- (2) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- Rotatable wiring tray holds wire nuts captive for one-handed wire termination
- (3) 4-port push wire nuts with clear caps are color coded for quick and reliable mains voltage connections
- Junction box is repositionable 90° on plaster frame to avoid obstructions
- Hinged door for easy wire access

Connector

- Two-conductor wire mount connector is rated for 120-277V. CAUTION – verify LED module input voltage is compatible with the input voltage of the housing. If uncertain, consult a qualified electrician
- cULus listed with Halo® LT56, SMD6, RL56, RA56, SLD6 and ML56 family of LED integrated trims

Compliance

- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP56 certified with select trims
- Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS compliant

LED Recessed

LT4 Series

LT4

4" LED Retrofit Module

The Halo LT4 is an LED baffle-trim module for 4" aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The LT4 is UL Certified for use with Halo, and other compatible 4" housings. Precision construction makes any housing Air-Tite for added HVAC savings and code compliance.

LT4 Energy Data

Input Voltage: 120V
Input Current: 0.069A
Input Power: 8.0W
THD: ≤ 24%
Power Factor: ≥ 0.90
T Ambient: -30°C to +40°C
Sound Rating: Class A

(all values at 25° C without a dimming control in circuit)

Features

Mechanical - Module
Module construction includes LED, heat sink, reflector, lens, baffle and trim ring

Lens
- Regressed lens
- Polycarbonate
- Diffusing for even illumination

Mounting
Friction clips are pre-installed and adjust to fit 4" compatible housings

LED
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K, and 5000K
- Color Rendering Index (CRI): 90 (R9 > 50)
- Lumen maintenance L70 at 35,000 hours
- 600 nominal lumen

LED Chromaticity
- LED chromaticity of 4 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008

Electrical Power Connections
- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 4" LED housings
- LED connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high efficacy luminaire
- The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings (See housing compatibility)

Ground Connection
Separate grounding cable included on the module for attachment to the housing during installation

LED Driver
- 120V 50/60 Hz constant current dimmable driver provides high-efficiency operation
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming
- Designed for continuous dimming capability to nominally 10% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers (Dimmers with low end trim adjustment offer greater assurance of achieving 10% level)
- Consult dimmer manufacturer for compatibility and conditions of use (Note, some dimmers require a neutral in the wallbox)

Compliance
- UL Certified for US and Canada
- UL Certified (with other housings) see specifications
- UL Certified for damp location
- UL Certified for wet location, covered ceiling – (shower rated)
- IP56 Ingress Protection rated
- May be installed in housings in direct contact with insulation* and combustible material
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CR (R9 > 50): Can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- Can be used for International Energy Conservation Code (IECC) high efficiency luminaire compliance
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- Can be used in closets. Compliant with NFPA 70, NEC section 410.16 (A)(1) and 410.16 (C)(3)

*Not to be used in housings in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

LT4 Ordering Information

Models	Finish	Lumen	CRI / CCT	Accessory (Order Separately)
LT460 = 4" Retrofit baffle	**WH** = matte white baffle	**6** = 600 lumen nominal	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI, 5000K	**HE26LED** = Replacement screw base adapter (one included with unit)

Specifications, compliances and dimensions subject to change without notice

LED Recessed

LT56 Series

High Lumen

LT560

5"/6" LED Retrofit Module – 5 Inch Application

The Halo LT560 is an LED baffle-trim module for 5" and 6" aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The LT560 is UL Certified for use with Halo and other compatible 5" and 6" housings. Precision construction makes any housing Air-Tite for added HVAC savings and code compliance.

LT560 Energy Data

	600 Lumen	1200 Lumen
Input Voltage:	120V	120V
Input Current:	0.085A	0.101A
Input Power:	10.2W	11.9W
THD:	≤ 24%	
Power Factor:	≥ 0.90	
T Ambient:	-30°C to +40°C	
Sound Rating:	Class A	

(all values at 25° C without a dimming control in circuit)

Features

Mechanical - Module

Module construction includes LED, heat sink, reflector, lens, baffle and trim ring

Lens

- Regressed lens
- Polycarbonate
- Diffusing for even illumination

Mounting

Torsion springs are pre-installed and adjust to fit 5" and 6" compatible housings

LED

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K, and 5000K
- Color Rendering Index (CRI): 90
- 680 nominal lumen
- Lumen maintenance L70 at 35,000 hours

LED Chromaticity

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- LED chromaticity of 4 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- 90 CRI features high color performance with R9 > 50
- Halo LED serialized testing and measurement ensures color and lumen consistency on a per-unit basis, and validates long-term product consistency over time

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 5" and 6" LED housings
- LED connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high efficacy luminaire
- The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings (see specifications online for housing compatibility)

Ground Connection

Separate grounding cable included on the module for attachment to the housing during installation

LED Driver

- 120V 50/60 Hz constant current dimmable driver provides high efficiency operation
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 10% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 10% level.
- Consult dimmer manufacturer for compatibility and conditions of use
- Note, some dimmers require a neutral in the wallbox

Compliance

- UL Certified for US and Canada
- UL Certified (with other housings) see specifications online for housing compatibility
- UL Certified for damp location
- UL Certified for wet location, covered ceiling – (Shower Rated)
- IP56 Ingress Protection rated
- May be installed in housings in direct contact with insulation* and combustible material
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. California Title 20 Certified for residential compliance.
- Can be used for International Energy Conservation Code (IECC) high efficiency luminaire compliance
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial installations
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- Can be used in closets. Compliant with NFPA 70, NEC section 410.16 (A)(1) and 410.16 (C)(3).

*Not to be used in housings in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

LT560 Ordering Information

Models	Finish	Lumen	CRI / CCT	Accessory (Order Separately)
LT560 = 5″/6″ Retrofit baffle	**WH** = matte white baffle	**6** = 600 lumen nominal **12** = 1200 lumen nominal	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI, 5000K	**HE26LED** = Replacement screw base adapter (one included with unit)

LED Recessed

LA4 Series

LA4

4" LED All-Purpose Adjustable Gimbal

The Halo LA4 LED Adjustable Downlight series are adjustable LED Modules for 4" aperture recessed downlights. The LA4 gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation. The lens provides uniform illumination and wet location listing.. Precision construction makes any housing AIR-TITE for added savings and code compliance.

Features

Mechanical - Module
- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments

Lens
- Regressed lens
- Impact-resistant polycarbonate
- Diffusing for even illumination

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM provide color accuracy and uniformity.
- Color Temperatures (CCT) available in 2700K, 3000K, 3500K, 4000K, or 5000K

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Diffuse for even illumination

Driver
- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 10%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets and for more information

Retention
- Push-N-Twist universal installation clips
- Clips are pre-installed and designed to fit 4" compatible recessed housings

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance
- UL Certified
- Wet and Damp location listed.
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

LA4 Energy Data

Input Voltage: 120V
Input Current: 74 (mA)
Input Power: 8.6W
THD: ≤ 20%
Power Factor: ≥ 0.90
T Ambient: -30°C to +40°C
Sound Rating: ≤ 22dba

LA4 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
LA4 = 4" LED Adjustable Gimbal	**06** = 600 lumen (nominal)	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI, 5000K	**1E** = 120V 60Hz leading or trailing edge phase cut 10% dimming	**WH** = matte white baffle	**HE26LED** = Replacement screw base adapter (one included with unit)

Specifications, compliances and dimensions subject to change without notice

LA56

5″/6″ LED All-Purpose Adjustable Gimbal

The Halo LA56 LED Adjustable Downlight series are adjustable LED Modules for 5″ or 6″ aperture recessed downlights. The LA56 gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation. The lens provides uniform illumination and wet location listing. Precision construction makes any housing AIR-TITE for added savings and code compliance.

Features

Mechanical - Module
- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments

Lens
- Regressed lens
- Impact-resistant polycarbonate
- Diffusing for even illumination

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM provide color accuracy and uniformity.
- Color Temperatures (CCT) available in 2700K, 3000K, 3500K, 4000K, or 5000K

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Diffuse for even illumination

Driver
- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 10%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets for more information

Retention
- Torsion springs are pre-installed and adjust to fit 5″ or 6″ compatible housings

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance
- UL Certified
- Wet and Damp location listed.
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

LA56 Energy Data

Input Voltage: 120V
Input Current: 74 (mA)
Input Power: 8.6W
THD: ≤ 20%
Power Factor: ≥ 0.90
T Ambient: -30°C to +40°C
Sound Rating: ≤ 22dba

LA56 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
LA56 = 5″/6″ LED Adjustable Gimbal	**06** = 600 lumen (nominal)	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K **940** = 90CRI, 4000K **950** = 90CRI, 5000K	**1E** = 120V 60Hz leading or trailing edge phase cut 10% dimming	**WH** = matte white baffle	**HE26LED** = Replacement screw base adapter (one included with unit)

LED Recessed

RL4 - 600 & 900 SeleCCTable Series

RL4

4" LED All-Purpose Retrofit Module with SeleCCTable switch

The Halo RL4 SeleCCTable™ is a complete LED Baffle-Trim Module for 4-inch aperture recessed downlights; suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The lens provides uniform illumination and wet location listing. Precision construction makes any housing AIR-TITE for added savings and code compliance.

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

Features

CCT Select System
- Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

Module - Trim
- Module construction includes LED array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy at 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has a selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Driver
- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- See Dimming Guide for compatible dimmers

Retention
- Push-N-Twist universal installation clips
- Clips are pre-installed and designed to fit 4" compatible recessed housings

Designer Trims (Sold Separately)
RL4 skins are accessory rings that attach to the RL4 for a permanent finish. Refer to the RL4 accessories specification sheet for details.
- White (Paintable)
- Satin Nickel
- Tuscan Bronze

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance
- UL Certified
- Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

RL4 Energy Data

	RL4069S1EWH	RL4099S1EWH
Lumens	621 @ 4000K	1006 @ 5000K
Voltage	120V	120V
Frequency	50/60 Hz	50/60 Hz
Input Power	7.6W	11.7W
Input Current	0.075A - 0.0875A (Per input power)	0.075A - 0.0875A (Per input power)
Power Factor	>0.90	>0.90
THD	<20%	<20%
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)	FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating	Class A	Class A
Minimum Starting Temp.	-30°C (-22°F)	-30°C (-22°F)

RL4 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RL4 = 4" All-Purpose Retrofit LED Module	**06** = 600 lumens (nominal) **09** = 900 lumens (nominal)	**9S** = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	**1E** = 120V 60Hz leading or trailing edge phase cut 1% dimming	**WH** = matte white baffle	**RL4TRMWHB** = 4" White Paintable Trim Ring, Baffle **RL4TRMSNB** = 4" Satin Nickel Trim Ring, Baffle **RL4TRMTBZB** = 4" Tuscan Bronze Trim Ring, Baffle **RL4TRMWH** = 4" White Paintable Trim Ring **RL4TRMSN** = 4" Satin Nickel Trim Ring **RL4TRMTBZ** = 4" Tuscan Bronze Trim Ring **HE26LED** = Replacement screw base adapter (one included with unit)

Specifications, compliances and dimensions subject to change without notice

RL4

4" LED All-Purpose Retrofit Module

The Halo RL4 series is a retrofit LED baffle-trim module for 4" aperture recessed downlights. The RL4 is designed for use with compatible 4" housings. The RL4 integral LED driver is dimmable at 120 volts. The RL4 lens provides uniform illumination and wet location listing. Precision construction makes any housing Air-Tite for added HVAC savings and code compliance.

Features

Mechanical Module - Trim
- Module construction includes LED, heat sink, reflector, lens, baffle and trim ring
- Durable aluminum construction
- Regressed baffle
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, even in insulated ceilings

Designer Trims (Sold Separately)
RL4 designer trims are accessories
- White (paintable)
- Satin nickel
- Tuscan bronze

Lens
- Regressed lens
- Impact-resistant polycarbonate
- Convex form for lamp-like appearance
- High lumen transmission
- Diffusing for even illumination

Mounting
- Push-N-Twist universal installation clips
- Clips are pre-installed and designed to fit 4" compatible recessed housings

LED
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K, and 5000K
- Color Rendering Index (CRI): 90 CRI
- LED is a chip on board design consisting of a multiple LED package with proximity phosphor coating to create one virtual white light source for a productive "cone of light"
- 600 nominal lumens, range dependent on CCT and CRI
- Lumen maintenance L70 at 50,000 hours

LED Driver
- With the latest "driver-on-board" electronic technology, the driver is integrated in the module
- Integral to the housing, 120V 50/60 Hz constant current dimmable driver provides high-efficiency operation
- Driver meets FCC 47CFR Part 15 EMI/RFI consumer limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Electrical Power Connections
- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo H995 series housings
- LED Connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and to qualify as a high efficacy luminaire
- The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings
- Separate grounding cable included on the RL4 module for attachment to the housing during installation

Dimming
- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers (Dimmers with low end trim adjustment offer greater assurance of achieving 5% level)
- Consult dimmer manufacturer for compatibility and conditions of use (Note some dimmers require a neutral in the wallbox)

Compliance
- UL Certified for US and Canada
- UL Certified for damp location
- UL Certified for wet location, covered ceiling, shower rated
- IP65 Ingress Protection rated
- May be installed in IC rated housings in direct contact with insulation** and combustible material
- Air-Tite certified per ASTM E283 not exceeding 2.0 CFM under 1.57psf (75 Pascals) pressure difference
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- 80 CRI can be used to comply with California Title 24 non-residential lighting controls requirements as a LED luminaire
- Can be used for International Energy Conservation Code (IECC) high efficiency luminaire compliance
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- Suitable for use in closets. Compliant with NFPA 70, NEC Sec. 410.16 (A)(1) and 410.16 (C)(3)

RL4 Energy Data

RL4 Series (Values at non-dimming line voltage)
Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating: Class A
Input Voltage: 120V
Power Factor: >0.90
Input Frequency: 50/60Hz
THD: <20%
Input Power: 7.3W - 10.0W (per CRI and CCT)
Input Current: 0.075A - 0.0875A (per input power)

RL4 Series Ordering Information

RL4 LED Module	Accessories (Order Separately)
90 CRI	**RL4TRMWH** = 4" White paintable trim ring
RL460WH927PK = 4" Retrofit baffle, 2700K, matte white	**RL4TRMSN** = 4" Satin nickel trim ring
RL460WH930PK = 4" Retrofit baffle, 3000K, matte white	**RL4TRMTBZ** = 4" Tuscan bronze trim ring
RL460WH935PK = 4" Retrofit baffle, 3500K, matte white	**RL4TRMWHB** = 4" White paintable trim ring, baffle
RL460WH940PK = 4" Retrofit baffle, 4000K, matte white	**RL4TRMSNB** = 4" Satin nickel trim ring, baffle
	RL4TRMTBZB = 4" Tuscan bronze trim ring. baffle
	HE26LED = Replacement screw base adapter (one included with unit)

RL4TRMWH
White (Paintable)

RL4TRMSN
Satin Nickel

RL4TRMTBZ
Tuscan Bronze

RL4TRMWHB
White (Paintable), Baffle

RL4TRMSNB
Satin Nickel, Baffle

RL4TRMTBZB
Tuscan Bronze, Baffle

**Not to be used in housings in direct contact with spray foam insulation. (Consult NEMA LSD57-2013)

LED Recessed

RLD4 Series

RLD4

4" LED Deep Baffle Retrofit Module

The Halo RL4 Deep Baffle is a complete LED Baffle-Trim Module for 4-inch aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The regressed lens provides uniform illumination and wet location listing. Precision construction makes any housing AIR-TITE for added savings and code compliance.

Features

Module - Trim
- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed Coilex baffle
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM provide color accuracy and uniformity

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Baffles
- Each unit comes with a white baffle insert and black baffle insert.

Driver
- Integral 120V 50/60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets and quick start guide for more information

Retention
- Precision formed spring blades secure module with friction fit to compatible housings.
- Friction blade design allows the RA4 to be installed in any position within the housing aperture (360 degrees)

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance
- UL Certified
- Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings
- Meets State of California voluntary lamp standards
- Lighting Facts labeled

RLD4 Energy Data @ 3000K

Lumens: 681
Input Voltage: 120V
Input Current: 0.073A
Input Power: 8.5W
THD: 17.5%
Frequency: 60 Hz
Efficacy: 80.1 LPW
Power Factor: 0.99
T Ambient: -30°C to +40°C
Sound Rating: Class A

RLD4 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RLD4 = 4" deep baffle retrofit LED module	**06** = 600 lumens (nominal)	**930** = 90 CRI minimum, 3000K CCT	**1E** = 120V 50/60Hz leading or trailing edge phase cut 1% dimming	**WH** = matte white trim, white baffle and black baffle included	**HE26LED** = Replacement screw base adapter (one included with unit)

Specifications, compliances and dimensions subject to change without notice

LED Recessed

RL56 - 600, 900 & 1200 SeleCCTable Series

600/900 Lumen

1200 Lumen

RL56

5"/6" LED All-Purpose Retrofit Module with SeleCCTable switch

The Halo RL56 SeleCCTable™ is a complete LED Baffle-Trim Module for 5 inch and 6 inch aperture recessed downlights; suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The lens provides uniform illumination and wet location listing. Precision construction makes any housing AIR-TITE for added savings and code compliance.

Efficiency Standards T24 — Can be used to comply with 2016 Title 24 Part 6 LED Enclosed Light Source Requirements (JA8)

Efficiency Standards T20 — California Title 20 Certified LED Tier 1 Lamp

ENERGY STAR

Can be used for IECC International Energy Conservation Code High Efficacy Compliance

RoHS Compliant

UL CERTIFIED SAFETY

Showerlight

airtite

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

Features

CCT Select System
- Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

Module - Trim
- Module construction includes LED array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy at 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has a selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Driver
- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- See Dimming Guide for compatible dimmers

Retention
- Integral torsion springs and Push-N-Twist clips offer two mounting options
- Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings
- Push-N-Twist universal installation clips are pre-installed and designed to fit 5" or 6" compatible housings

Designer Trims (Sold Separately)
RL4 skins are accessory rings that attach to the RL4 for a permanent finish. Refer to the RL4 accessories specification sheet for details.
- White (Paintable)
- Satin Nickel
- Tuscan Bronze

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance
- UL Certified
- Wet and Damp location listed.
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

RL56 Energy Data

	RL56069S1EWH	RL56099S1EWH	RL56129S1EWH
Lumens	721 @ 4000K	1006 @ 4000K	1272 @ 5000K
Input Power	7.6W	12.1W	14W
Voltage	120V		
Frequency	50/60 Hz		
Input Current	0.15 A		
Power Factor	>0.90		
THD	<20%		
EMI/RFI	FCC Title 47 CFR, Part 15, Class B (Consumer)		
Sound Rating	Class A		
Minimum Starting Temp.	-30°C (-22°F)		

RL56 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RL56 = 5"/ 6" All-Purpose Retrofit LED Module	**06** = 600 lumens (nominal) **09** = 900 lumens (nominal) **12** = 1200 lumens (nominal)	**9S** = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	**1E** = 120V 60Hz leading or trailing edge phase cut 1% dimming	**WH** = matte white baffle	**RL56TRMWHB** = 5"/ 6" White Paintable Trim Ring, Baffle **RL56TRMSNB** = 5"/ 6" Satin Nickel Trim Ring, Baffle **RL56TRMTBZB** = 5"/ 6" Tuscan Bronze Trim Ring, Baffle **RL56TRMWH** = 5"/ 6" White Paintable Trim Ring **RL56TRMSN** = 5"/ 6" Satin Nickel Trim Ring **RL56TRMTBZ** = 5"/ 6" Tuscan Bronze Trim Ring **HE26LED** = Replacement screw base adapter (one included with unit)

LED Recessed

RL56 - 600, 900 & 1200 Series

RL560WH6xxx – 600 Series
RL560WH9xxx – 900 Series
RL560WH12xxx – 1200 Series

5"/6" LED Retrofit Module

The Halo RL560 is a complete LED baffle-trim module for 5" and 6" aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The RL560 is UL Certified for use with Halo housings and other compatible 5" and 6" housings. The RL560 with integral LED driver offers 120 volt dimming capability. The RL560 lens provides uniform illumination and wet location listing. Precision construction makes any housing Air-Tite code compliant. Compliant with NFPA 70, NEC section 410.16 (A)(1) and 410.16 (C)(3).

90 CRI

Efficiency Standards T24 Can be used to comply with 2016 Title 24 Part 6 LED Enclosed Light Source Requirements (JA8)

Efficiency Standards T20 California Title 20 Certified LED Tier 1 Lamp

ENERGY STAR

Can be used for IECC International Energy Conservation Code High Efficacy Compliance

RoHS Compliant

UL CERTIFIED SAFETY

Showerlight

air-tite

Features

Mechanical - Module
- Module construction includes LED, heat sink, reflector, lens, baffle and trim ring
- Trim ring is sized to fit 5" and 6" recessed housings and features a visually appealing graduated step design
- Regressed baffle
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, even in insulated ceilings
- Durable aluminum construction

Lens
- Regressed lens
- Impact-resistant polycarbonate
- Convex form for lamp-like appearance
- Diffusing for even illumination

Mounting
- Integral torsion springs and Push-N-Twist clips offer two mounting options
  - Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings
  - Push-N-Twist universal installation clips are pre-installed and designed to fit 5" or 6" compatible housings

LED
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K, and 5000K
- Color Rendering Index (CRI): 90 (See ordering table for available models)
- 600 nominal lumen series, range dependent on CCT and CRI
- 900 nominal lumens, range dependent on CCT and CRI
- Lumen maintenance L70 at 50,000 hours

LED Chromaticity
- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- LED chromaticity of 3 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- Every Halo LED is quality tested, measured, and serialized in a permanent record to register lumens, wattage, CRI and CCT

Electrical Power Connections
- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 5" H550 and 6" H750, H2750 LED housings
- LED connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high efficacy luminaire
- The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings (see specifications online for housing compatibility)

LED Driver
- With the latest "driver-on-board" electronic technology, the driver is integrated in the module
- 120V 50/60 Hz constant current dimmable driver provides high efficiency operation
- Driver meets FCC 47CFR Part 15 EMI/RFI consumer limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming
- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level.
- Consult dimmer manufacturer for compatibility and conditions of use
- Note, some dimmers require a neutral in the wallbox

Compliance
- UL Certified for US and Canada
- UL Certified (with other housings) see specifications online for housing compatibility
- UL Certified for damp location
- UL Certified for wet location covered ceiling – shower rated
- IP56 Ingress Protection rated
- May be installed in housings in direct contact with insulation* and combustible material
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- Suitable for use in closets. Compliant with NFPA 70, NEC Sec. 410.16 (A)(1) and 410.16 (C)(3).
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial installations
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

*Not to be used in housings in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

RL56 600, 900 & 1200 Series Ordering Information

600 Series - 90 CRI	900 Series - 90 CRI	1200 Series - 90 CRI
RL560WH6927 = 5"/6" Retrofit baffle, 2700K, matte white	**RL560WH9927** = 5"/6" Retrofit baffle, 2700K, matte white	**RL560WH12927** = 5"/6" Retrofit baffle, 2700K, matte white
RL560WH6930 = 5"/6" Retrofit baffle, 3000K, matte white	**RL560WH9930** = 5"/6" Retrofit baffle, 3000K, matte white	**RL560WH12930** = 5"/6" Retrofit baffle, 3000K, matte white
RL560WH6935 = 5"/6" Retrofit baffle, 3500K, matte white	**RL560WH9935** = 5"/6" Retrofit baffle, 3500K, matte white	**RL560WH12935** = 5"/6" Retrofit baffle, 3500K, matte white
RL560WH6940 = 5"/6" Retrofit baffle, 4000K, matte white	**RL560WH9940** = 5"/6" Retrofit baffle, 4000K, matte white	**RL560WH12940** = 5"/6" Retrofit baffle, 4000K, matte white
RL560WH6950 = 5"/6" Retrofit baffle, 5000K, matte white	**RL560WH9950** = 5"/6" Retrofit baffle, 5000K, matte white	**RL560WH12950** = 5"/6" Retrofit baffle, 5000K, matte white

Accessories (Order Separately)

Designer Trims

Fit over the RL56 for a designer finish
RL56TRMWH = 5"/6" White paintable trim ring
RL56TRMSN = 5"/6" Satin nickel trim ring
RL56TRMTBZ = 5"/6" Tuscan bronze trim ring
RL56TRMWHB = 5"/6" White paintable trim ring, baffle
RL56TRMSNB = 5"/6" Satin nickel trim ring, baffle
RL56TRMTBZB = 5"/6" Tuscan bronze trim ring, baffle

RL56TRMWH
White (Paintable)

RL56TRMTBZ
Tuscan Bronze

RL56TRMSN
Satin Nickel

RL56TRMWHB
White (Paintable) Baffle

RL56TRMTBZB
Tuscan Bronze Baffle

RL56TRMSNB
Satin Nickel Baffle

Oversize Trim Rings

OT400P = Oversize flat white metal trim ring 6" ID x 9-1/4" OD (ring slips behind RL56 ring, in stepped configuration)
OT403P = Oversize white plastic trim ring 6" ID x 8" OD (ring slips behind RL56 ring, in stepped configuration)
TRM690WH = Oversize matte white metal trim ring. Designed for RL56 ring to inset into oversize ring for an even (non-stepped) trim surface

OT400P
Flat White Metal Trim

OT403P
White Plastic Trim

TRM690WH
Matte White Metal Trim

E26 Screw Base Adapter

HE26LED = Replacement screw base adapter (one included with unit)

RL56 Energy Data

600 Series

Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating: Class A
Input Voltage: 120V
Power Factor: >0.90
Input Frequency: 60Hz
THD: <20%
Input Power: 7.3W – 9.7W (per CRI and CCT)
Input Current: 0.15A

900 Series

Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating: Class A
Input Voltage: 120V
Power Factor: >0.90
Input Frequency: 60Hz
THD: <20%
Input Power: 13.5W
Input Current: 0.15A

1200 Series

Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating: Class A
Input Voltage: 120V
Power Factor: >0.90
Input Frequency: 60Hz
THD: <20%
Input Power: 17.3W – 18.0W (per CRI and CCT)
Input Current: 0.15A

Refer to specification online for further information www.eaton.com/lighting

LED Recessed

RLD6 Series

RLD6

6" LED Deep Baffle Retrofit Module

The Halo RL6 Deep Baffle is a complete LED Baffle-Trim Module for 6 inch aperture recessed downlights; suitable for new construction, remodel and retrofit installation. The regressed lens provides uniform illumination and wet location listing. Precision construction makes any housing AIR-TITE for added savings and code compliance.

Features

Module - Trim
- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed Coilex baffle
- Heat sink designed to conduct heat away from the LED Array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM provide color accuracy and uniformity

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Baffles
- Each unit comes with a white baffle insert and black baffle insert.

Driver
- Integral 120V 50/60 Hz constant current driver provides noise free operation
- In the mobile app, continuous, flicker-free dimming from 100% to 5%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- Consult instruction sheets and quick start guide for more information

Retention
Torsion Springs
- Integral torsion springs offer two mounting options
- Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings

Friction Blades
- Provide alternative to torsion springs for retrofit in 5" and 6" housings without torsion spring mounting tabs.
- Friction blade design allows the RL560 to be installed in any position within the housing aperture (360 degrees).

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance
- UL Certified
- Wet and Damp location listed.
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings
- Meets State of California voluntary lamp standards
- Lighting Facts labeled

RLD6 Energy Data @ 3000K

Lumens: 668
Input Voltage: 120V
Input Current: 0.073A
Input Power: 8.5W
THD: 17.5%
Frequency: 60 Hz
Efficacy: 78.6 LPW
Power Factor: 0.99
T Ambient: -30°C to +40°C
Sound Rating: Class A

RLD6 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RLD6 = 6" deep baffle retrofit LED module	**06** = 600 lumens (nominal)	**930** = 90 CRI minimum, 3000K CCT	**1E** = 120V 50/60Hz leading or trailing edge phase cut 1% dimming	**WH** = matte white trim, white baffle and black baffle included	**HE26LED** = Replacement screw base adapter (one included with unit)

Specifications, compliances and dimensions subject to change without notice

LED Recessed

RA4 SeleCCTable Series

RA4

4" LED All-Purpose Retrofit Module with SeleCCTable switch

The Halo RA4 SeleCCTable™ LED Adjustable Gimbal is a complete LED Baffle-Trim Module for 4-Inch aperture recessed downlights. It is suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The RA4 SeleCCTable Gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation.

Efficiency Standards T24 — Can be used to comply with 2016 Title 24 Part 6 LED Enclosed Light Source Requirements (JA8)

Efficiency Standards T20 — California Title 20 Certified LED Tier 1 Lamp

ENERGY STAR

Can be used for IECC International Energy Conservation Code High Efficacy Compliance

RoHS Compliant

UL CERTIFIED SAFETY

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

Features

CCT Select System
- Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

Module - Trim
- Module construction includes LED array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.
- Up to 360-degree rotation
- 35-degree tilt
- Halo matte white paint finish

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy at 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has a selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Driver
- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- See Dimming Guide for compatible dimmers

Retention
- Precision formed spring blades secure module with friction fit to compatible housings.
- Friction blade design allows the RA4 to be installed in any position within the housing aperture (360 degrees)

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance
- UL Certified
- Damp location listed
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

RA4 Energy Data @ 3000K

Lumens: 600 Series
Input Voltage: 120V
Input Current: .065 (mA)
Input Power: 7.0W
Efficiency: 87.9%
Inrush (A): .51
THD: ≤ 20%
Power Factor: ≥ 0.90
T Ambient: -30°C to +40°C
Sound Rating: ≤ 22dba

RA4 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RA4 = 4" LED adjustable gimbal	**06** = 600 lumens (nominal)	**9S** = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	**1E** = 120V 60Hz leading or trailing edge phase cut 1% dimming	**WH** = matte white baffle	**HE26LED** = Replacement screw base adapter (one included with unit)

LED Recessed

RA4 Series

RA4 (VWFL)

RA4 (NFL)

4" Adjustable Gimbals All-Purpose LED Retrofit Modules

The Halo RA4 LED adjustable gimbal series are retrofit LED modules for 4" aperture recessed downlights. The RA4 gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation. In addition the RA4 gimbals offer selection of narrow flood (NFL) and very wide flood (VWFL) models for beam distributions suitable for accent, task, grazing and general area lighting. The RA4 integral LED 120V driver is dimmable with most leading edge and trailing edge phase control dimmers.

Features

Mechanical Module - Trim
- Module includes LED, heat sink, reflector, lens optic, baffle reveal, and trim ring
- Durable die-cast aluminum construction
- Integrated heat sink design conducts heat away from the LED keeping the junction temperatures below specified maximums, even in insulated ceilings
- Halo matte white paint finish
- 35-degree tilt
- Up to 360-degree rotation

Optics - Narrow Flood (NFL)
- Precision acrylic lens
- Optical design creates a clean, uniform 25-degree beam distribution

Optics - Very Wide Flood (VWFL)
- Impact-resistant polycarbonate
- Convex form for lamp-like appearance
- Diffusing, wide beam for even illumination

Mounting - Friction Blades
- Precision formed spring blades secure module with friction fit to compatible housings
- Friction blade design allows the RA4 to be installed in any position within the housing aperture (360 degrees)

LED
- Correlated Color Temperature (CCT): 2700K, 3000K
- Color Rendering Index (CRI): 90 CRI (R9 > 50)
- LED is a chip on board design consisting of a multiple LED package with proximity phosphor coating to create one virtual white light source for a productive "cone of light"
- 600 nominal lumens, range dependent on CCT and optic
- Lumen maintenance L70 at 50,000 hours

LED Driver
- Dimmable driver is a 120 Volt, high efficiency, electronic power supply providing DC power to the LED
- Driver meets FCC 47CFR Part 15 EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Electrical Power Connections
- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo H995 series housings
- LED connector meets high efficacy luminaire requirements for a non-screw base socket, and to qualify as a high efficacy luminaire (California Title 24)
- The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings
- Separate grounding cable included on the module for attachment to the housing during installation

Dimming
- The Halo RA4 LED is designed for dimming capability to nominally 5% with many standard 120V leading edge (LE) and trailing edge (TE) phase control dimmers
- Dimming to 5% is best assured using dimmers with low end trim adjustment
- Consult dimmer manufacturer for dimmer details (Note, some dimmers require a neutral in the wallbox)

Compliance
- UL Certified for US and Canada
- UL Certified (with other housings - see specification sheet online)
- UL Certified for damp location
- May be installed in housings in direct contact with insulation** and combustible material
- IP ingress protection rating
  - NFL models: IP25
  - VWFL models: IP34
- ENERGY STAR® certified downlight retrofit
- Can be used for State of California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

RA4 Energy Data

RA4 Series (Values at non-dimming line voltage)
Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)
Sound Rating: Class A standards
Input Voltage: 120V
Power Factor: >0.90
Input Frequency: 50/60Hz
THD: <20%
Input Power: 10W
Input Current: 85mA
Driver-Safety Agency Approvals: - UL60950-1 Recognized - LPS output - UL8750 Compliant

**Not to be used in housings in direct contact with spray foam insulation. (Consult NEMA LSD57-2013)

RA4 Series Ordering Information

RA4 LED Adjustable Gimbal

Very Wide Flood - VWFL Models

RA406927WH = 4" LED adjustable gimbal, 90 CRI, 2700K, matte white
RA406930WH = 4" LED adjustable gimbal, 90 CRI, 3000K, matte white

Narrow Flood - NFL Models

RA406927NFLWH = 4" LED adjustable gimbal, 90 CRI, 2700K, matte white
RA406930NFLWH = 4" LED adjustable gimbal, 90 CRI, 3000K, matte white

Accessories (Order Separately)

HE26LED = Replacement screw base adapter (one included with unit)

Specifications, compliances and dimensions subject to change without notice

LED Recessed

RA56 SeleCCTable Series

RA56

5"/ 6" LED All-Purpose Retrofit Module with SeleCCTable switch

The Halo RA56 SeleCCTable™ LED Adjustable Gimbal is a complete LED Baffle-Trim Module for 5-Inch or 6-Inch aperture recessed downlights. It is suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The RA56 SeleCCTable Gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation.

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

Features

CCT Select System
- Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT.

Module - Trim
- Module construction includes LED array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED array, keeping the junction temperatures below specified maximums, even when installed in insulated ceiling environments.
- Up to 360-degree rotation
- 35-degree tilt
- Halo matte white paint finish

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy at 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has a selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Driver
- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.
- Inline electrical quick connect and E26 adapter (provided) provides mains connections
- See Dimming Guide for compatible dimmers

Retention
- Integral torsion springs and Push-N-Twist clips offer two mounting options
- Torsion springs are pre-installed and adjust to fit 5" or 6" compatible housings
- Push-N-Twist universal installation clips are pre-installed and designed to fit 5" or 6" compatible housings

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance
- UL Certified
- Damp location listed.
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Code (IECC) high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

RA56 Energy Data @ 3000K

Lumens: 600 Series
Input Voltage: 120V
Input Current: .065 (mA)
Input Power: 7.0W
Efficiency: 90%
Inrush (A): .91
THD: ≤ 20%
Power Factor: ≥ 0.90
T Ambient: -30°C to +40°C
Sound Rating: ≤ 20dba

RA56 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessory (Order Separately)
RA56 = 5"/ 6" LED adjustable gimbal	**06** = 600 lumens (nominal)	**9S** = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	**1E** = 120V 60Hz leading or trailing edge phase cut 1% dimming	**WH** = matte white baffle	**HE26LED** = Replacement screw base adapter (one included with unit)

LED Recessed

RA56 Series

RA56069xxNFLWH

RA56069xxWH

5"/6" LED Adjustable Gimbal – 5 Inch Application

The Halo RA56 LED adjustable gimbal series are retrofit LED modules for 5" and 6" aperture recessed downlights; suitable for new construction, retrofit and remodel. The RA56 gimbals feature adjustment of 35-degree tilt and up to 360-degree rotation. In addition the RA56 gimbals offer selection of narrow flood (NFL) and very wide flood (VWFL) models for beam distributions suitable for accent, task, grazing and general area lighting.

Features

Mechanical - Module

- Module includes LED, heat sink, reflector, lens optic, baffle reveal, and trim ring
- Trim ring is sized to fit 5" and 6" recessed housing openings, and features a visually appealing graduated step design
- Durable die-cast aluminum construction
- Integrated heat sink design conducts heat away from the LED keeping the junction temperatures below specified maximums, even in insulated ceilings
- 35-degree tilt
- Pre-installed torsion spring adjust to fit 5" or 6" compatible housings
- Up to 360-degree rotation

Narrow Flood (NFL) Optics

- Precision acrylic lens
- Optical design creates a clean, uniform 25-degree beam

Very Wide Flood (VWFL) Optics

- Impact-resistant polycarbonate
- Convex form for lamp-like appearance
- Diffusing, wide beam for even illumination

LED Chromaticity

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- LED chromaticity of 3 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- Every Halo LED is quality tested, measured, and serialized in a permanent record to register lumens, wattage, CRI and CCT

LED

- Correlated Color Temperature (CCT): 2700K, 3000K
- Color Rendering Index (CRI): 90
- LED is a chip on board design consisting of a multiple LED package with proximity phosphor coating to create one virtual white light source for a productive "cone of light"
- 650 nominal lumens, range dependent on CCT and optic
- Lumen maintenance L70 at 50,000 hours

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 5" H550 and 6" H750, H2750 LED housings
- LED connector meets California Title 24 high efficacy luminaire requirement for a non-screw base socket, and where required to qualify as a high efficacy luminaire
- The included E26 medium screw base Edison adapter provides easy retrofit of incandescent housings (See specifications online for housing compatibility)

LED Driver

- Dimmable driver is a 120 Volt, high efficiency, electronic power supply providing DC power to the LED
- Driver meets FCC EMI/RFI Consumer Level limits for use in residential and commercial installations
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers (Dimmers with low end trim adjustment offer greater assurance of achieving 5% level)
- Consult dimmer manufacturer for compatibility and conditions of use
- Note: some dimmers require a neutral in the wallbox

Compliance

- UL Certified for US and Canada
- UL Certified (with other housings) see specifications online for housing compatibility
- UL Certified for damp location
- May be installed in housings in direct contact with insulation* and combustible material
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- Suitable for use in closets. Compliant with NFPA 70, NEC Sec. 410.16 (A)(1) and 410.16 (C)(3).
- ENERGY STAR® certified downlight retrofit
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial installations
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

*Not to be used in housings in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

LED Recessed

RA56 Series

RA56 Series Ordering Information

Very Wide Flood - VWFL Models

RA5606927WH = 5"/6" Adjustable gimbal, 90 CRI, 2700K, matte white, very wide flood
RA5606930WH = 5"/6" Adjustable gimbal, 90 CRI, 3000K, matte white, very wide flood

Narrow Flood - NFL Models

RA5606927NFLWH = 5"/6" Adjustable gimbal, 90 CRI, 2700K, matte white, narrow flood
RA5606930NFLWH = 5"/6" Adjustable gimbal, 90 CRI, 3000K, matte white, narrow flood

Accessories (Order Separately)

Oversize Trim Rings

OT400P = Oversize flat white metal trim ring 6" ID x 9-1/4" OD (ring slips behind RA56 ring, in stepped configuration)
OT403P = Oversize white plastic trim ring 6" ID x 8" OD (ring slips behind RA56 ring, in stepped configuration)
TRM690WH = Oversize matte white metal trim ring. Designed for RA56 ring to inset into oversize ring for an even (non-stepped) trim surface

OT400P
Flat White Metal Trim

OT403P
White Plastic Trim

TRM690WH
Matte White Metal Trim

Replacement Friction Clips

RL56CLIP = Replacement kit of 5" and 6" friction clips for retrofitting into an existing housing without torsion spring receiving brackets
(One set of clips included with the unit)

E26 Screw Base Adapter

HE26LED = Replacement screw base adapter (One included with unit)

RA56 Energy Data

Minimum Starting Temp: -30°C (-22°F)

EMI/RFI: FCC Title 47 CFR, Part 15, Class B (Consumer)

Sound Rating: Class A standards

Input Voltage: 120V

Power Factor: >0.90

Input Frequency: 50/60Hz

THD: <20%

Input Power: 10W

Input Current: 85mA

Driver-Safety Agency Approvals:
- UL60950-1 Recognized
- LPS output
- UL8750 Compliant

Refer to specification online for further information www.eaton.com/lighting

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LED Recessed

RSQ4 Series

RSQ4

4" LED All-Purpose Square Retrofit Module

The RSQ4 is an integrated LED module / trim with a square shallow lens suitable for new construction, remodel and retrofit installation. Certified for use with Halo and compatible 4″ housings and can be used with housings in direct contact with insulation. Integral gasket provides airtight compliance in non-airtight housings, provides code compliance and additional energy savings. Use for general area lighting in low to medium height ceilings where energy savings and long life are desired.

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

Features

Module - Trim
- Module / trim is field interchangeable and upgradable, LED module consists of LED array, optical assembly, driver and self-flanged trim
- Integral aluminum heat sink provides passive thermal cooling achieving L70 at 70,000 hours in IC and non-IC applications.

LED Array
- Plurality of mid-power LEDs provide a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 4 SDCM provides color accuracy and uniformity
- Available in 2700, 3000, 3500 and 4000 K fixed CCT
- Optional field selectable color temperature, select from 2700, 3000, 3500, 4000 and 5000 K CCT

Optical Assembly
- Precision molded optic organizes source flux into wide distribution, useful for general area lighting
- Regressed flat lens provides uniformity
- Meets Energy Star color angular uniformity requirements, color deviation is less than 0.006 u′ v

Connectors
- Two-conductor wire mount CJT type connector is rated for 120V and mates with LED housings or E26 adapter (provided)

Driver
- Standard 1E constant current driver option with 120V 60 Hz input provides quiet operation
- Leading or trailing edge phase cut dimming to 5% with select controls, meets CA T24 flicker requirements

Retention
- Stainless steel friction blades hold module securely in the housing
- Can be installed in any orientation allowing trim to be aligned with architecture
- Module / trim can be removed from below the aperture for service or replacement

Trim
- Die cast aluminum trim can be removed in the field and replaced with optional designer series trims to match many décors
- Step baffle provides additional cutoff to source

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance
- UL Certified Safety, US & CA when used with Halo and other's housings, see instruction sheet for conditions of acceptability
- Wet location listed and IP44 ingress protection rated, covered ceiling only
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulated LED Lamp
- ENERGY STAR certified, reference "Certified Light Fixtures" database

RSQ4 Energy Data

Lumens: 800 Series
Input Voltage: 120V
Input Current: 82 (mA)
Input Power: 9.8 W
Inrush (A): 0.69 @ 14mS
THD: ≤ 20%
Power Factor: ≥ 0.90
T Ambient: -40°C to +40°C
Sound Rating: ≤ 21dba

RSQ4 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessories (Order Separately)
RSQ4 = 4″ all-purpose square LED module	**08** = 800 lumens (nominal)	**927** = 90 CRI (min), 2700 K CCT **930** = 90 CRI (min), 3000 K CCT **935** = 90 CRI (min), 3500 K CCT **940** = 90 CRI (min), 4000 K CCT **9FS** = 90 CRI minimum, field selectable CCT, choose 2700, 3000, 3500, 4000 or 5000 K CCT	**1E** = 120V 60Hz, LE & TE phase cut 5% dimming with select dimmers	**MWWB** = matte white flange and baffle	**RSQ4TRMMW** = 4″ square trim, matte white flange and splay, field paintable **RSQ4TRMSNB** = 4″ square trim, satin nickel flange and baffle **RSQ4TRMTBZB** = 4″ square trim, tucson bronze flange and baffle **HE26LED** = Replacement screw base adapter (one included with unit)

Specifications, compliances and dimensions subject to change without notice

RSQ5

5" LED All-Purpose Square Retrofit Module

The RSQ5 is an integrated LED module / trim with a square shallow lens suitable for new construction, remodel and retrofit installation. Certified for use with Halo and compatible 5" housings and can be used with housings in direct contact with insulation. Integral gasket provides airtight compliance in non-airtight housings, provides code compliance and additional energy savings. Use for general area lighting in low to medium height ceilings where energy savings and long life are desired.

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

Features

Module - Trim
- Module / trim is field interchangeable and upgradable, LED module consists of LED array, optical assembly, driver and self-flanged trim
- Integral aluminum heat sink provides passive thermal cooling achieving L70 at 70,000 hours in IC and non-IC applications.

LED Array
- Plurality of mid-power LEDs provide a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 4 SDCM provides color accuracy and uniformity
- Available in 2700, 3000, 3500 and 4000 K fixed CCT
- Optional field selectable color temperature, select from 2700, 3000, 3500, 4000 and 5000 K CCT

Optical Assembly
- Precision molded optic organizes source flux into wide distribution, useful for general area lighting
- Regressed flat lens provides uniformity
- Meets Energy Star color angular uniformity requirements, color deviation is less than 0.006 u' v

Connectors
- Two-conductor wire mount CJT type connector is rated for 120V and mates with LED housings or E26 adapter (provided)

Driver
- Standard 1E constant current driver option with 120V 60 Hz input provides quiet operation
- Leading or trailing edge phase cut dimming to 5% with select controls, meets CA T24 flicker requirements

Retention
- Steel torsion springs hold module securely in the housing
- Rotates ± 45° allowing trim to be aligned with architecture
- Module / trim can be removed from below the aperture for service or replacement
- Optional friction blades (provided) for installation in housings without torsion spring receivers

Trim
- Die cast aluminum trim can be removed in the field and replaced with optional designer series trims to match many décors
- Step baffle provides additional cutoff to source

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance
- UL Certified Safety, US & CA when used with Halo and other's housings, see instruction sheet for conditions of acceptability
- Wet location listed and IP55 ingress protection rated, covered ceiling only
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulated LED Lamp
- ENERGY STAR® certified, reference "Certified Light Fixtures" database

RSQ5 Energy Data

Lumens: 800 Series
Input Voltage: 120V
Input Current: 82 (mA)
Input Power: 9.8 W
Inrush (A): 0.69 @ 14mS
THD: ≤ 20%
Power Factor: ≥ 0.90
T Ambient: -40°C to +40°C
Sound Rating: ≤ 21dba

RSQ5 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessories (Order Separately)
RSQ5 = 5" all-purpose square LED module	**08** = 800 lumens (nominal)	**927** = 90 CRI (min), 2700 K CCT **930** = 90 CRI (min), 3000 K CCT **935** = 90 CRI (min), 3500 K CCT **940** = 90 CRI (min), 4000 K CCT **9FS** = 90 CRI minimum, field selectable CCT, choose 2700, 3000, 3500, 4000 or 5000 K CCT	**1E** = 120V 60Hz, LE & TE phase cut 5% dimming with select dimmers	**MWWB** = matte white flange and baffle	**RSQ5TRMMW** = 5" square trim, matte white flange and splay, field paintable **RSQ5TRMSNB** = 5" square trim, satin nickel flange and baffle **RSQ5TRMTBZB** = 5" square trim, tucson bronze flange and baffle **HE26LED** = Replacement screw base adapter (one included with unit)

LED Recessed

RSQ6 Series

RSQ6

6" LED All-Purpose Square Retrofit Module

The RSQ6 is an integrated LED module / trim with a square shallow lens suitable for new construction, remodel and retrofit installation. Certified for use with Halo and compatible 6" housings and can be used with housings in direct contact with insulation. Integral gasket provides airtight compliance in non-airtight housings, provides code compliance and additional energy savings. Use for general area lighting in low to medium height ceilings where energy savings and long life are desired.

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

Features

Module - Trim

- Module / trim is field interchangeable and upgradable, LED module consists of LED array, optical assembly, driver and self-flanged trim
- Integral aluminum heat sink provides passive thermal cooling achieving L70 at 70,000 hours in IC and non-IC applications.

LED Array

- Plurality of mid-power LEDs provide a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 4 SDCM provides color accuracy and uniformity
- Available in 2700, 3000, 3500 and 4000 K fixed CCT
- Optional field selectable color temperature, select from 2700, 3000, 3500, 4000 and 5000 K CCT

Optical Assembly

- Precision molded optic organizes source flux into wide distribution, useful for general area lighting
- Regressed flat lens provides uniformity
- Meets Energy Star color angular uniformity requirements, color deviation is less than 0.006 u' v

Connectors

- Two-conductor wire mount CJT type connector is rated for 120V and mates with LED housings or E26 adapter (provided)

Driver

- Standard 1E constant current driver option with 120V 60 Hz input provides quiet operation
- Leading or trailing edge phase cut dimming to 5% with select controls, meets CA T24 flicker requirements

Retention

- Steel torsion springs hold module securely in the housing
- Rotates ± 45° allowing trim to be aligned with architecture
- Module / trim can be removed from below the aperture for service or replacement
- Optional friction blades (provided) for installation in housings without torsion spring receivers

Trim

- Die cast aluminum trim can be removed in the field and replaced with optional designer series trims to match many décors
- Step baffle provides additional cutoff to source

Gaskets

- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Compliance

- UL Certified Safety, US & CA when used with Halo and other's housings, see instruction sheet for conditions of acceptability
- Wet location listed and IP44 ingress protection rated, covered ceiling only
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulated LED Lamp
- ENERGY STAR® certified, reference "Certified Light Fixtures" database

RSQ6 Energy Data

Lumens: 800 Series
Input Voltage: 120V
Input Current: 82 (mA)
Input Power: 9.8 W
Inrush (A): 0.69 @ 14mS
THD: ≤ 20%
Power Factor: ≥ 0.90
T Ambient: -40°C to +40°C
Sound Rating: ≤ 21dba

RSQ6 Series Ordering Information

Models	Lumens	CRI / CCT	Driver	Finish	Accessories (Order Separately)
RSQ6 = 6" all-purpose square LED module	**08** = 800 lumens (nominal)	**927** = 90 CRI (min), 2700 K CCT **930** = 90 CRI (min), 3000 K CCT **935** = 90 CRI (min), 3500 K CCT **940** = 90 CRI (min), 4000 K CCT **9FS** = 90 CRI minimum, field selectable CCT, choose 2700, 3000, 3500, 4000 or 5000 K CCT	**1E** = 120V 60Hz, LE & TE phase cut 5% dimming with select dimmers	**MWWB** = matte white flange and baffle	**RSQ6TRMMW** = 6" square trim, matte white flange and splay, field paintable **RSQ6TRMSNB** = 6" square trim, satin nickel flange and baffle **RSQ6TRMTBZB** = 6" square trim, tucson bronze flange and baffle **HE26LED** = Replacement screw base adapter (one included with unit)

Specifications, compliances and dimensions subject to change without notice

ML4D - TL41R & TL42S

4″ LED Module, 2-inch Round and Square Pinhole Downlight

Recessed LED module with interchangeable 2-inch round or square open pinhole apertures are available in various finishes to suit many décors. Use with 4-inch nominal recessed housings suitable for residential and shallow plenum commercial construction or can be used to retrofit existing installations. Field interchangeable primary optics provide various distribution patterns and spacing to mounting height ratios. Use for general and task lighting in low to medium height ceilings where energy savings, long life and optical control are required.

Features

Module
- Field interchangeable and upgradable LED module consists of LED array, primary optic and driver
- Integral die cast aluminum heat sink provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Retention
- Stainless steel springs hold module securely in the housing, can be removed thru the aperture for service or replacement

LED Array
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Trims
- Die formed steel trims are available in 2-inch round or square pinhole apertures and can be interchanged in the field
- Available in a broad range of painted or plated finishes, can be painted in the field to match any décor
- Magnetic attachment holds trim tightly to ceiling and eliminates light leaks.

Media
- Integral media holder provided accepts (1) 2″ diameter 3.0mm thick color filters, lens or louvers
- Order media separately

Primary Optic
- Precision molded TIR optic organizes source flux into useful beams without stray lumens in the field
- Two-piece construction with matte black mounting ring and polarized turn and lock mounting aligns optic to source and minimizes backlight in the housing
- Exceeds ENERGY STAR® color angular uniformity requirements, color deviation is typically less than 0.002 u′ v′.
- Available in spot, narrow flood, flood and wide flood distributions, ships with narrow flood or flood factory installed, order alternate distributions or replacement separately
- Integral media holder accepts (1) lens or louver

VividTune
- D2W™ dim-to-warm option shifts color temperature from 3000 K to 1850 K as fixture dims mimicking the black body dimming response of halogen sources

Driver
- Integral UNV 120 - 277V 50/60 Hz constant current driver provides noise free operation and can be replaced in the field
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Optional UNV 120-277V 50/60 Hz driver with 0 -10V analog dimming from 100% to 5%, provided with inline electrical quick connect for low voltage connections
- Medium base (E26) to CJT adapter (provided) provides mains connection.

Compliance
- cULus listed for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability
- Damp location listed
- Airtight per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulate d LED Lamp
- ENERGY STAR® certified, reference Certified Light Fixtures database.

ML4D Energy Data

Lumens	900 Series	
Input Voltage	120V	277V
Input Current	107 (mA)	50 (mA)
Input Power	12.8 (W)	12.5 (W)
Inrush (A)	1.1 (A)	1.9 (A)
THD	≤ 20%	
Power Factor:	≥ 0.90	
T Ambient	-40°C to +40°C	
Sound Rating	≤ 20dba	

ML4D Series Ordering Information

Models	Lumens	Distribution	CRI / CCT	Driver	Accessories (Order Separately)
ML4D = 4″ LED module	**09** = 900 lumens (nominal)	**NFL** = 25° narrow flood **FL** = 40° flood	**927** = 90 CRI (min), 2700 K CCT **930** = 90 CRI (min), 3000 K CCT **935** = 90 CRI (min), 3500 K CCT **940** = 90 CRI (min), 4000 K CCT **D2W** = 90 CRI (min) color shifts from 3000 to 1850K mimicking black body dimming2	**E** = UNV 120 - 277V 50-60Hz, LE & TE phase cut 5% dimming at 120V only **E010** = UNV 120 - 277V 50-60Hz, 0 - 10V analog 5% dimming1	**TIR45SP15** = 15° spot **TIR45NFL25** = 25° narrow flood **TIR45FL40** = 40° flood **TIR45WFL55** = 55° wide flood **TIR50AWW25** = 25° narrow flood asymmetric / wall wash **TIR45MH12PK** = replacement media holder, package of 12 **L100 Series** = 2.0″ lens and filters, see spec sheet **HE26LED** = Replacement screw base adapter (one included with unit)

ML4D - TL43R & TL44S

4″ LED Module, 2-inch Round and Square Pinhole Downlight

Recessed LED module with interchangeable 2-inch round or square lens pinhole apertures are available in various finishes to suit any décor. Use with 4-inch nominal recessed housings suitable for residential and shallow plenum commercial construction or can be used to retrofit existing installations. Field interchangeable primary optics provide various distribution patterns and spacing to mounting height ratios. Use for general and task lighting in low to medium height ceilings where energy savings, long life and optical control are required.

Module
- Field interchangeable and upgradable LED module consists of LED array, primary optic and driver
- Integral die cast aluminum heat sink provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Retention
- Stainless steel springs hold module securely in the housing, can be removed thru the aperture for service or replacement

LED Array
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within
- 3 SDCM provide color accuracy and uniformity

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Trims
- Die formed steel trims are available in 2-inch round or square pinhole apertures and can be interchanged in the field
- Available in a broad range of painted or plated finishes, can be painted in the field to match any décor
- Magnetic attachment holds trim tightly to ceiling and eliminates light leaks

Media
- Integral media holder provided accepts (1) 2″ diameter 3.0mm thick color filters, lens or louvers
- Order media separately

Primary Optic
- Precision molded TIR optic organizes source flux into useful beams without stray lumens in the field
- Two-piece construction with matte black mounting ring and polarized turn and lock mounting aligns optic to source and minimizes backlight in the housing
- Exceeds ENERGY STAR® color angular uniformity requirements, color deviation is typically less than 0.002 u′ v′.
- Available in spot, narrow flood, flood and wide flood distributions, ships with narrow flood or flood factory installed, order alternate distributions or replacement separately
- Integral media holder accepts (1) lens or louver

VividTune
- D2W™ dim-to-warm option shifts color temperature from 3000 K to 1850 K as fixture dims mimicking the black body dimming response of halogen sources

Driver
- Integral UNV 120 - 277V 50/60 Hz constant current driver provides noise free operation and can be replaced in the field
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Optional UNV 120-277V 50/60 Hz driver with 0 -10V analog dimming from 100% to 5%, provided with inline electrical quick connect for low voltage connections
- Medium base (E26) to CJT adapter (provided) provides mains connection

Compliance
- cULus listed for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability
- Damp location listed
- Airtight per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulated LED Lamp
- ENERGY STAR® certified, reference Certified Light Fixtures database

ML4D Energy Data

Lumens	900 Series	
Input Voltage	120V	277V
Input Current	107 (mA)	50 (mA)
Input Power	12.8 (W)	12.5 (W)
Inrush (A)	1.1 (A)	1.9 (A)
THD	≤ 20%	
Power Factor:	≥ 0.90	
T Ambient	-40°C to +40°C	
Sound Rating	≤ 20dba	

ML4D Series Ordering Information

Models	Lumens	Distribution	CRI / CCT	Driver	Accessories
ML4D = 4″ LED module	**09** = 900 lumens (nominal)	**NFL** = 25º narrow flood **FL** = 40º flood	**927** = 90 CRI (min), 2700 K CCT **930** = 90 CRI (min), 3000 K CCT **935** = 90 CRI (min), 3500 K CCT **940** = 90 CRI (min), 4000 K CCT **D2W** = 90 CRI (min) color shifts from 3000 to 1850K mimicking black body dimming2	**E** = UNV 120 - 277V 50-60Hz, LE & TE phase cut 5% dimming at 120V only **E010** = UNV 120 - 277V 50-60Hz, 0 - 10V analog 5% dimming1	**TIR45SP15** = 15° spot **TIR45NFL25** = 25° narrow flood **TIR45FL40** = 40° flood **TIR45WFL55** = 55° wide flood **TIR50AWW25** = 25° narrow flood asymmetric / wall wash **TIR45MH12PK** = replacement media holder, package of 12 **L100 Series** = 2.0″ lens and filters, see spec sheet **HE26LED** = Replacement screw base adapter (one included with unit)

Specifications, compliances and dimensions subject to change without notice

ML4D - TL45R & TL46S

4″ LED Module, 2-Inch Round and Square Lens Wall Washer

Recessed LED module with interchangeable 2-inch round or square wall wash apertures are available in various finishes to suit any décor. Use with 4-inch nominal recessed housings suitable for residential and shallow plenum commercial construction or can be used to retrofit existing installations. Asymmetric primary optic redirects light through linear spread lens providing useful vertical food-candles. Use to light walls, paintings and textured surfaces including stone, masonry and wood when energy savings, long life and optical control are required.

Features

Module
- Field interchangeable and upgradable LED module consists of LED array, primary optic and driver
- Integral die cast aluminum heat sink provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Retention
- Stainless steel springs hold module securely in the housing, can be removed thru the aperture for service or replacement

LED Array
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Trims
- Die formed steel trims are available in 2-inch round or square pinhole apertures and can be interchanged in the field
- Available in a broad range of painted or plated finishes, can be painted in the field to match any décor
- Magnetic attachment holds trim tightly to ceiling and eliminates light leaks.

Media
- Integral media holder provided accepts (1) 2″ diameter 3.0mm thick color filters, lens or louvers
- Order media separately

Primary Optic
- Precision molded TIR optic organizes source flux into useful beams without stray lumens in the field
- Two-piece construction with matte black mounting ring and polarized turn and lock mounting aligns optic to source and minimizes backlight in the housing
- Exceeds ENERGY STAR® color angular uniformity requirements, color deviation is typically less than 0.002 u′ v′.
- Available in spot, narrow flood, flood and wide flood distributions, ships with narrow flood or flood factory installed, order alternate distributions or replacement separately
- Integral media holder accepts (1) lens or louver

VividTune
- D2W™ dim-to-warm option shifts color temperature from 3000 K to 1850 K as fixture dims mimicking the black body dimming response of halogen sources

Driver
- Integral UNV 120 - 277V 50/60 Hz constant current driver provides noise free operation and can be replaced in the field
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Optional UNV 120-277V 50/60 Hz driver with 0 -10V analog dimming from 100% to 5%, provided with inline electrical quick connect for low voltage connections
- Medium base (E26) to CJT adapter (provided) provides mains connection.

Compliance
- cULus listed for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability
- Damp location listed
- Airtight per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- Certified to State of California Title 20, State-regulated LED Lamp; reference Modernized Appliance Efficiency Database System (MAEDBS) for State-regulate d LED Lamp
- ENERGY STAR® certified, reference Certified Light Fixtures database.

ML4D Energy Data

Lumens	900 Series	
Input Voltage	120V	277V
Input Current	107 (mA)	50 (mA)
Input Power	12.8 (W)	12.5 (W)
Inrush (A)	1.1 (A)	1.9 (A)
THD	≤ 20%	
Power Factor:	≥ 0.90	
T Ambient	-40°C to +40°C	
Sound Rating	≤ 20dba	

ML4D Series Ordering Information

Models	Lumens	Distribution	CRI / CCT	Driver	Accessories
ML4D = 4″ LED module	**09** = 900 lumens (nominal)	**NFL** = 25° narrow flood **FL** = 40° flood	**927** = 90 CRI (min), 2700 K CCT **930** = 90 CRI (min), 3000 K CCT **935** = 90 CRI (min), 3500 K CCT **940** = 90 CRI (min), 4000 K CCT **D2W** = 90 CRI (min) color shifts from 3000 to 1850K mimicking black body dimming2	**E** = UNV 120 - 277V 50-60Hz, LE & TE phase cut 5% dimming at 120V only **E010** = UNV 120 - 277V 50-60Hz, 0 - 10V analog 5% dimming1	**TIR45SP15** = 15° spot **TIR45NFL25** = 25° narrow flood **TIR45FL40** = 40° flood **TIR45WFL55** = 55° wide flood **TIR50AWW25** = 25° narrow flood asymmetric / wall wash **TIR45MH12PK** = replacement media holder, package of 12 **L100 Series** = 2.0″ lens and filters, see spec sheet **HE26LED** = Replacement screw base adapter (one included with unit)

TL41R 2″ Round Open Pinhole

- Die formed steel trim with 2″ pinhole
- Field interchangable
- Available in painted or plated finishes
- Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks

Dimensions**
A: 2-5/32" [55mm]
H: 3/16" [4.32mm]
OD: 5" [127mm]

TL41RMW
matte white flange

TL41RBN
brushed nickel flange

TL41RBCu
brushed copper flange

TL41RMB
matte black flange

TL41RORB
oil rubbed bronze flange

TL41RGB
german bronze flange

TL42S 2″ Square Open Pinhole

- Die formed steel trim with 2″ pinhole
- Field interchangable
- Available in painted or plated finishes
- Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks

Dimensions**
A: 2-5/32" [55mm]
H: 3/16" [4.32mm]
OD: 5" [127mm]

TL42SMW
matte white flange

TL42SBN
brushed nickel flange

TL42SBCu
brushed copper flange

TL42SMB
matte black flange

TL42SORB
oil rubbed bronze flange

TL42SGB
german bronze flange

TL43R 2″ Round Lens Pinhole

- Die formed steel trim with 2″ pinhole
- Field interchangable
- Available in painted or plated finishes
- Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks

Dimensions**
A: 2-1/2" [65mm]
H: 3/16" [4.32mm]
OD: 5" [127mm]

TL43R2GMWWB
matte white flange,
white lens frame

TL43R2GMWBB
matte black flange,
black lens frame

TL43R2GBNBB
brushed nickel flange,
black lens frame

TL43R2GBCuBB
brushed copper flange,
black lens frame

TL43R2GMBBB
matte black flange,
black lens frame

TL43R2GORBBB
oil rubbed bronze flange,
black lens frame

TL43R2GGBBB
german bronze flange,
black lens frame

TL44S 2″ Square Lens Pinhole

- Die formed steel trim with 2″ pinhole
- Field interchangable
- Available in painted or plated finishes
- Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks

Dimensions**
A: 2-1/2″ [65mm]
H: 3/16″ [4.32mm]
OD: 5″ [127mm]

TL44S2GMWWB
matte white flange,
white lens frame

TL44S2GMWBB
matte black flange,
black lens frame

TL44S2GBNBB
brushed nickel flange,
black lens frame

TL44S2GBCuBB
brushed copper flange,
black lens frame

TL44S2GMBBB
matte black flange,
black lens frame

TL44S2GORBBB
oil rubbed bronze flange,
black lens frame

TL44S2GGBBB
german bronze flange,
black lens frame

Specifications, compliances and dimensions subject to change without notice

TL45R 2" Round Lens Wall Wash Pinhole

- Die formed steel trim with 2" pinhole
- Field interchangable
- Available in painted or plated finishes
- Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks

TL45R6GMWWB
matte white flange,
white lens frame

TL45R6GMWBB
matte white flange,
black lens frame

Dimensions**
A: 2-1/2" [65mm]
H: 3/16" [4.32mm]
OD: 5" [127mm]

TL46S 2" Square Lens Wall Wash Pinhole

- Die formed steel trim with 2" pinhole
- Field interchangable
- Available in painted or plated finishes
- Paint in the field to match any décor
- Magnetic attachment holds trim tight to ceiling and eliminates light leaks

TL46S6GMWWB
matte white flange,
white lens frame

TL46S6GMWBB
matte white flange,
black lens frame

Dimensions**
A: 2-1/2" [65mm]
H: 3/16" [4.32mm]
OD: 5" [127mm]

ML4 Optics

TIR45SP15 = 15° spot
TIR45NFL25 = 25° narrow flood
TIR45FL40 = 40° flood
TIR45WFL55 = 55° wide flood
TIR50AWW25 = 25° narrow flood asymmetric / wall wash
TIR45MH12PK = replacement media holder, package of 12

TIR45SP15
15 degree spot

TIR45NFL25
25 degree narrow flood

TIR45FL40
40 degree flood

TIR45WFL55
55 degree wide flood

TIR50AWW25
25 degree narrow flood
asymmetric / wall wash

TIR45MH12PK
replacement media
holder

media holder with lens installed on optic

LED Recessed Housing

ML4 Series - HS4R / HS4S

Side View with Trim Installed

Top View with Trim Installed

Top View with Trim Installed

Bottom View

Bottom View

HS4R / HS4S

4" Round & Square Surface Mount Housings

The HS4R round and HS4S square housings adapt ML4 LED module and associated 2" aperture open, len and lens wall wash trims to complete a surface mount luminaire. Installs to recessed or surface mounted junction boxes with hardware provided. Use with compatible Halo LED integrated trims and modules providing general, task and accent lighting when energy savings, long life and optical control are required. ML4 LED module and trims ordered separately.

Can be used for IECC International Energy Conservation Code High Efficacy Compliance

Can be used for T24 California Title 24 High Efficacy Compliance

RoHS Compliant

c UL us LISTED

air tite

Compatible LED Modules

ML4 LED series

Features

Housing

- Extruded aluminum round or square housing with die formed aperture accepts ML4 LED modules and trims.

Mounting

- Attaches directly to 3-1/2" and 4" round ceiling pans, 3-1/2" and 4" octagon boxes, 4" and 4-11/16" square fixture mud rings and single gang handy boxes with hardware provided
- Spider plate allows for ±45° rotation to align square with architecture.

Gasket

- Provided with die cut white and black gasket for use in wet locations, covered ceilings only

Connector

- Two-conductor wire mount connector is rated for 120 - 277V and mates with ML4 LED integrated module
- **CAUTION:** verify LED module input voltage is compatible with the input voltage of the housing. If uncertain, consult a qualified electrician
- Separate two-conductor wire mount connector for 0 – 10V low voltage control.

Compliance

- cULus damp location listed with open trims, wet location listed, covered ceilings only and IP65 certified when used with supplied gasket and lens trims
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR certified, reference Certified Light Fixtures database

Specifications, compliances and dimensions subject to change without notice

LED Recessed

ML56 – 600 & 900 Series

ML5606xxx – 600 Series
ML5609xxx – 900 Series

5"/6" LED Retrofit Module – 6 Inch Application

The ML56 LED downlighting system is a series of LED light modules for use with designated 6" ML56 LED trims in new construction, remodel and retrofit housings. Compatible with Halo 6" housings. ML56 light modules are offered in 600 series, 900 series, and 1200 series, 90 CRI, and four color temperatures 2700K, 3000K, 3500K, 4000K. ML56 light modules are universal voltage 120V – 277V and dimmable at 120V. The ML56 lens provides uniform diffuse illumination.

90 CRI

Features

Mechanical – Module
- Module includes LED driver, heat sink, and lens
- Durable die-cast aluminum construction
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, including insulated ceiling environments

Lens
- Impact-resistant polycarbonate
- Convex form for lamp-like appearance
- High lumen transmission
- Diffusing for even illumination

Mounting
- Light modules attach to reflector and baffle trims via locking tabs, and attach to eyeballs via keyed twist-to-lock mating bosses
- The complete light module and trim assembly installs into housings with precision formed torsion springs located on the trim

LED
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, and 4000K
- Color Rendering Index (CRI): 90
- 600 nominal lumens, range dependent on CCT, CRI and trim
- 900 nominal lumens, range dependent on CCT, CRI and trim
- Lumen maintenance L70 at 50,000 hours

Electrical Power Connections
- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 6" H750 and H2750 series housings (Use with ML56 6" LED trims)
- LED connector is a non-screw base, and where required to qualify as a high efficacy luminaire
- E26 medium screw base retrofit adapter included

LED Driver
- Driver is universal voltage 120V-277V, and may be controlled from a switch (Switchable at 120V, 220V, 230V, 240V, and 277V)
- Driver is dimmable at 120V operation when connected to a compatible dimmer
- Driver is a high efficiency, electronic power supply providing DC power to the LED
- Driver meets FCC EMI/RFI consumer level limits on 120V main inputs, and is compliant for use in residential and commercial installations
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure

Compliance
- cULus Listed 1598 luminaire, with listed Halo housings
- UL Classified, with other housings (See specifications online for housing compatibility)
- cULus Listed for damp locations
- cULus Listed wet location, covered ceiling (shower rated) with ML56 baffle and reflector trims only
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- IP66 Ingress Protection rated with baffle and reflector trims only
- RoHS compliant
- May be used in IC (insulated ceiling) housings in direct contact with insulation* and combustible material
  - 90 CRI (R9 > 50) can be used for California Title 24 compliance, Title 20 Certified for residential compliance
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- ENERGY STAR® certified downlight recessed system
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits (commercial and residential compliant)
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- CE Mark - "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance when used with Halo H750, and H2750 series LED housings only

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

ML56 LED System

LED Recessed

ML56 – 1200 Series

ML56 LED Module

Beam Forming Optic (Accessories)

ML5612xxx – 1200 Series

5"/6" LED Retrofit Module – 6 Inch Application

The ML56 LED downlighting system is a series of LED light modules for use with designated 6" ML56 LED trims in new construction, remodel and retrofit housings. Compatible with Halo 6" housings. ML56 light modules are offered in 600 series, 900 series, and 1200 series, 90 CRI, and four color temperatures 2700K, 3000K, 3500K, 4000K. ML56 light modules are universal voltage 120V – 277V and dimmable at 120V. The ML56 lens provides uniform diffuse illumination standard. ML56 - 1200 series offers narrow flood (NFL) beam forming reflector as an optional accessory. Wet location listed with reflector and baffle trims (directional eyeball trims are damp listed). Halo ML56 series offers high performance LED downlighting in a flexible modular selection.

90 CRI

Efficiency Standards T24 Can be used to comply with 2016 Title 24 Part 6 LED Enclosed Light Source Requirements (LAR)

ENERGY STAR

Can be used for IECC International Energy Conservation Code High Efficacy Compliance

RoHS Compliant

c UL us LISTED

Features

Mechanical Module

- Module includes LED, LED driver, heat sink, and lens
- Durable die-cast aluminum construction
- Heat sink designed to conduct heat away from the LED keeping the junction temperatures below specified maximums, including insulated ceiling environments

Lens Optics

- Diffuse lens is standard on all 1200 series LED light modules
  - Impact-resistant polycarbonate
  - Convex form for lamp-like appearance
  - High lumen transmission
- Optional beam forming optic replaces diffuse lens and provide narrow flood (NFL) 25° nominal distribution. Beam forming optic is field installed. Order separately (accessories).

Mounting

- Light modules attach to reflector and baffle trims via locking tabs, and attach to eyeballs via keyed twist-to-lock mating bosses
- The complete light module and trim assembly installs into housings with precision formed torsion springs located on the trim

LED

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, and 4000K
- Color Rendering Index (CRI): 90
- 1200 nominal lumens, range dependent on CCT, CRI and trim
- Lumen maintenance L70 at 50,000 hours

Electrical Power Connections

- LED connector is a non-screw base luminaire disconnect offering easy installation with the matching Halo 6" H750 and H2750 series housings (use with ML56 6" LED trims)
- LED connector is a non-screw base, and where required to qualify as a high efficacy luminaire
- E26 medium screw base retrofit adapter included

LED Driver

- Driver is universal voltage 120V-277V, and may be controlled from a switch (switchable at 120V, 220V, 230V, 240V, and 277V)
- Driver is dimmable at 120V operation when connected to a compatible dimmer
- Driver is a high efficiency, electronic power supply providing DC power to the LED
- Driver meets FCC EMI/RFI consumer level limits on 120V main inputs, and is compliant for use in residential and commercial installations
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure

Compliance

- cULus Listed 1598 luminaire, with listed Halo housings
- UL Classified, with other housings (See specifications online for housing compatibility)
- cULus Listed for damp locations
- cULus Listed wet location, covered ceiling (shower rated) with ML56 baffle and reflector trims only
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- IP66 Ingress Protection rated with baffle and reflector trims only
- RoHS compliant
- May be used in IC (Insulated Ceiling) housings in direct contact with insulation* and combustible material
  - 90 CRI (R9 > 50) can be used for California Title 24 compliance, Title 20 Certified for residential compliance
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- ENERGY STAR® certified downlight recessed LED system
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits (commercial and residential compliant)
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21
- CE Mark - "Conformité Européene" conformity with the Council of European Communities Directives, meeting internationally recognized compliance when used with Halo H750, and H2750 series LED housings only

Accessories

BFR56NFL
Beam forming reflector kit, narrow flood, 25° nominal

BFR56MH
Media holder, accepts one 3.45" lens
Requires BFR56NFL and L345SF (Order separately)

L345SF
3.45" diameter soft focus lens
Requires BFR56NFL and BFR56MH (Order separately)

Specifications, compliances and dimensions subject to change without notice

ML56 Ordering Information

600 Series - 90 CRI	900 Series - 90 CRI	1200 Series - 90 CRI
ML5606927 = 600 lumen, 2700K	**ML5609927** = 900 lumen, 2700K	**ML5612927** = 1200 lumen, 2700K
ML5606930 = 600 lumen, 3000K	**ML5609930** = 900 lumen, 3000K	**ML5612930** = 1200 lumen, 3000K
ML5606935 = 600 lumen, 3500K	**ML5609935** = 900 lumen, 3500K	**ML5612935** = 1200 lumen, 3500K
ML5606940 = 600 lumen, 4000K	**ML5609940** = 900 lumen 4000K	**ML5612940** = 1200 lumen, 4000K

690 Series - 6" LED Trims

691WB = 6" LED trim, polymer "dead-front", white shallow baffle & flange
– shallow and standard housings (For use with 600 series LED light modules only)
692SC = 6" LED trim, specular reflector & white flange
692H = 6" LED trim, haze reflector & white flange
692W = 6" LED trim, white reflector & flange
693WB = 6" LED trim, white micro-step baffle & flange
693BB = 6" LED trim, black micro-step baffle & white flange
693SNB = 6" LED trim, satin nickel micro-step baffle & flange
693TBZB = 6" LED trim, tuscan bronze micro-step baffle & flange
694WB = 6" LED directional trim, white eyeball, baffle & flange – shallow and standard housings
694SNB = 6" LED directional trim, satin nickel eyeball, baffle & flange – shallow and standard housings
694TBZB = 6" LED directional trim, tuscan bronze eyeball, baffle & flange – shallow and standard housings
695WW = 6" LED trim, wall wash – specular reflector, repositionable specular kick reflector, white flange
696WB = 6" LED trim, white shallow baffle & flange – for use with shallow and standard housings
(600 & 900 series LED light modules ONLY)

ML56 1200 series for use in shallow housing with 694x trims only.

System Accessories

ML56CLIP = 6" Friction clip mounting kit – for retrofitting non-torsion spring housings*
WW695SC = 6" Wall wash insert – kick reflector for 695WW
(1-included with trim) double or corner wall wash**
TRM690WH = 6" LED oversize trim ring for use with 69* series trims,
white 6.9" ID, 9.5" OD ring slips over LED trim. Inset design allows
6" trim to fit into oversize ring for an even trim surface
ML7RAB = Retrofit adapter band – installs in non-torsion spring 6" housings

*ML56CLIP is compatible with 6" baffle and reflector trims only (691, 692, 693, 695, 696 series)
For eyeball trim (694 series) use ML7RAB retrofit adapter band

HE26LED = Replacement screw base adapter (One included with unit)

ML56 Energy Data

600 Series	900 Series	1200 Series
(Values at non-dimming line voltage)	(Values at non-dimming line voltage)	(Values at non-dimming line voltage)
Minimum Starting Temp: -30°C (-22°F)	Minimum Starting Temp: -30°C (-22°F)	Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 15, (Consumer)	EMI/RFI: FCC Title 47 CFR, Part 15, (Consumer)	EMI/RFI: FCC Title 47 CFR, Part 15, (Consumer)
Sound Rating: Class A	Sound Rating: Class A	Sound Rating: Class A
Input Voltage: UNV 120V-277V	Input Voltage: UNV 120V-277V	Input Voltage: UNV 120V-277V
Power Factor: >0.95 @ 120V and >0.9 @277V	Power Factor: >0.95 @ 120V and >0.9 @277V	Power Factor: >0.95 @ 120V and >0.9 @277V
Input Frequency: 50/60Hz	Input Frequency: 50/60Hz	Input Frequency: 50/60Hz
THD: <20%	THD: <20%	THD: <20%
Input Power: 9.5W (90 CRI)	Input Power: 9.4W (90 CRI)	Input Power: 12.3W (90 CRI)
Input Current at 120V: 0.15A	Input Current at 120V: 0.15A	Input Current at 120V: 0.14A
Input Current at 277V: 0.08A	Input Current at 277V: 0.08A	Input Current at 277V: 0.07A
Driver Compliance: UL8750, Class II rated	Driver Compliance: UL8750, Class II rated	Driver Compliance: UL8750, Class II rated

Dimming

Designed for dimming capability on 120V input to nominal 5% in normal operation with 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level. (Consult dimmer manufacturer for dimmer compatibility and conditions of use. Note, Some dimmers require a neutral in the wallbox)

Color Specification & Quality Standards

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- LED color uniformity of 3 SDCM, exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- Halo LED serialized testing and measurement process ensures color and lumen consistency on a per-unit basis, and validates long-term product consistency over time

691 Shallow Polymer Baffle, Self-flange

- Shallow polymer (plastic) baffle with self-flange
- For use with ML56 600 series LED modules ONLY
- Non-conductive polymer (plastic) "dead-front" construction
- Shallow height allows use in shallow or standard ceiling housings
- Wet location shower listed with ML56 LED modules
- For use with 600 series ML56 LED modules ONLY

691WB
White Shallow Polymer Baffle, White Self-flange

Dimensions**
A: 4-7/8" [123mm]
H: 1-1/2" [39mm]
OD: 6-1/2" [166mm]

692 Reflector, Self-flange

- Reflectors with self-flange
- For use with ML56 series LED modules
- Aluminum construction
- For use in standard housings
- Wet location shower listed with ML56 LED light modules

692W
White Reflector, White Self-flange

692SC
Specular Reflector, White Self-flange

692H
Haze Reflector, White Self-flange

Dimensions**
A: 4-7/8" [123mm]
H: 1-1/2" [39mm]
OD: 6-1/2" [166mm]

693 Micro-Step Baffle, Self-flange

- Baffles with self-flange
- For use with ML56 series LED modules
- Aluminum construction
- For use in standard housings
- Wet location shower listed with ML56 LED light modules

693WB
White Baffle, White Self-flange

693BB
Black Baffle, White Self-flange

693SNB
Satin Nickel Baffle, Satin Nickel Self-flange

693TBZB
Tuscan Bronze Baffle, Tuscan Bronze Self-flange

Dimensions**
A: 4-7/8" [123mm]
H: 1-1/2" [39mm]
OD: 6-1/2" [166mm]

694 Eyeball, 30° Tilt, Self-flange

- Eyeball with baffle and self-flange
- For use with ML56 series LED modules
- Aluminum construction
- For use in standard and shallow housings
- Eyeball tilts from 0 to 30 degrees

694WB
White Reflector, White Self-flange

694SNB
Satin Nickel Reflector, Satin Nickel Self-flange

694TBZB
Tuscan Bronze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 4-1/2" [113mm]
H: 1" [26mm]
OD: 6-1/2" [166mm]

695 Wall Wash Reflector, Self-flange

- Specular reflector and specular "kick" reflector insert
- For use with ML56 series LED light modules
- Aluminum construction reflector and precision molded "kick" reflector
- Repositionable kick reflector allows wall wash adjustment
- Optional accessory kick reflector for double or corner wall wash (WW695SC)
- Wet location shower listed with ML56 LED modules

695WW
Wall Wash - Specular Reflector, Repositionable Specular Kick Reflector, White Self-flange

WW695SC
Optional Accessory - Wall Wash Kick Reflector

Dimensions**
A: 4-7/8" [123mm]
H: 1-1/2" [39mm]
OD: 6-1/2" [166mm]

696 Shallow Baffle, Self-flange

- Shallow baffle with self-flange
- For use with ML56 series LED light modules
- Aluminum construction
- Shallow height allows use in shallow or standard ceiling housings (For use in shallow housings with ML56 600 series and 900 series LED modules only)
- Wet location shower listed with ML56 LED modules

696WB
White Shallow Baffle, White Self-flange

Dimensions**
A: 4-7/8" [123mm]
H: 1-1/2" [39mm]
OD: 6-1/2" [166mm]

Specifications, compliances and dimensions subject to change without notice

HL3
3-inch Integrated LED

A 3-inch family of round and square aperture LED downlight / directional housings with field interchangeable optics. High efficiency, excellent light control and low aperture brightness are required. The HL3 is ideal for accent, task and general area lighting. Airtight housings, suitable for residential or shallow plenum commercial constructions and can be used in direct contact with insulation.

Photography: Steve Mundinger Photography
39th Annual SOURCE Awards Residential Winner
Robert Singer and Associates, Inc.

Seamless Ceiling Integration

Halo now offers a complete family of 3-inch LED recessed downlights ideal for your next demanding project. Choose from round or square apertures available in broad range of trim styles and optical distributions meeting demanding architectural factors including ceiling height, square footage and fixture spacing criteria.

Trims are available in a range of finishes to match many décors. Magnets pulls trims tight to the ceiling eliminating gaps and light leaks. Trims maybe installed rimless with a true knife-edge interface creating a quiet ceiling appearance. Symmetrical trims can be used for both general area and accent lighting creating a consistent visual appearance.

HL36A
3" shallow round new construction directional housing

HL36SA
3" shallow square new construction directional housing

Rimless trims

Standard round and square housings can be converted to a rimless applications using the rimless adapter. A true knife-edge interface with the trim provides a "quiet ceiling" appearance.

The rimless adapter replaces the standard collar and adjusts to level with the finished ceiling. The perforated pattern and tapered flange facilitates blending with the ceiling surface.

RA3R

RA3S

Specifications, compliances and dimensions subject to change without notice

Ease of installation

High-end residential and prestige commercial ceiling construction is complex. Housings have numerous proprietary contractor features and install quickly saving time and money. The same housing type is used for task, accent, wall washing and general area illumination simplifying planning and installation. Optical distribution can be easily changed in the field to adapt to changes in the field.

Whether a single accent fixture is installed in a new project to keep up with the homeowner's growing artwork collection or hundreds are used in the common areas of a hotel a unified design theme across all trim types and finishes creates a visually seamless installation allowing the architecture or other features to be the primary focus.

Optics

Primary optics are field interchangeable and are available in Spot (SP), Narrow Flood (NFL), Flood (FL) and Wide Flood (WFL) distribution patterns.

TIR45SP15
spot, 15°

TIR45NFL25
narrow flood, 25°

TIR45FL40
flood, 40°

TIR45WFL55
wide flood, 55°

Trim installation

Each Halo HL3 housing is fitted with (8) rare earth Neodymium magnets that securely hold the trim in place. This allows for subtle repositioning to align apertures.

Aim and focus

The housings have a built-in adjustment mechanism that will rotate 365°, tilt 45° and locks in position maintaining any aiming angle. Angle markings assist in repeatable settings. The primary optics are field interchangeable and are available in spot, narrow flood, flood and wide flood distribution patterns.

HL3 LED Series Housing

HL36A Series

HL36A

3" IC, Shallow New Construction, LED Housing

Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns. Ideal for accent, task and general area lighting. Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions and can be used in direct contact with insulation. Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter. Use where high efficiency, excellent light control and low aperture brightness are required.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

TL3R	TL3R2G
TL3RMWRL	TL3R2GMWRL
TL3BBWF / TL3WBWF	TL3PR2GMW
TL3PIN	TL3R2GBBWF / TL3R2GWBWF
TL3PINMWWBRL	TL3PIN2G

Features

Frame
- Galvanized steel plaster frame with integral bar hanger receivers
- Setscrew provide positive horizontal locking
- Collar adjusts vertically to accommodate 1/2″ to 7/8″ thick ceilings and locks in position with (4) screws
- Use optional collar extender for 7/8″ to 1-1/4″ thick ceilings
- Integral gun sights facilitate the use of guide strings or laser lines
- Shipped with overspray protector installed

Housing
- Steel housing painted matte black for a visually dark interior
- Removable top allows service from above

Bar Hangers
- GOT NAIL! Gen 3 bar hangers adjust from 10-1/2″ to 24″ wide
- Pass thru feature allows shortening without removal
- Captive nail penetrates standard and engineered lumber
- Mounting flange levels platform with ceiling
- Integral clip attaches directly to tee-bar

Gaskets
- Gaskets achieve restrictive airflow requirements without additional caulking

Adjustment Mechanism
- Rotates 360°, tilts 45° and locks in position maintaining any aiming angle
- Angle markings assist in repeatable settings
- Translating center beam optics aligns axis of primary reflector with aperture from nadir to 45°

Trim Retention
- Attached by (8) rare earth Neodymium magnets, holds trim securely to the ceiling
- Tether secures trim to housing during service or adjustment

LED Module
- LED array is field replaceable
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Color accuracy within 3 SDCM and 90 CRI minimum
- Passive cooling achieves L70 at 50,000 hours

Primary Optic
- Precision molded optics deliver highly efficient and uniform patterns
- Various patterns are available and can be interchanged without tools

Media
- Integral media holder accepts up to (2) 2″ diameter 3.0mm thick color filters or lens
- Order color filters and lens separately

Trims
- Die cast aluminum trims are available in open, lens and lens wall wash styles
- Polymer non-conductive trim meets many local code requirements for 'dead front'
- Physical and optical cutoff provides visual comfort
- Light trap eliminates spill light with flange
- Multiple finishes to match many décors
- Available in self-flanged or rimless styles with optional rimless adaptor accessory

Shielding
- Micro-prismatic lens standard with lens trims
- Hinged to allow rimless trim removal
- Order color filters and lens separately

Driver
- Field replaceable constant current driver provides noise free operation
- UNV 120-277VAC 50/60Hz input
- Continuous, flicker-free 1% dimming, available with LE and TE phase cut (at 120V only) and 0-10V analog control

Junction Box
- Galvanized steel junction box with 18in3 internal volume
- Listed for (12) #12 AWG 90° C splice conductors
- (7) 1/2″ conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts mains voltage connections

Compliance
- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select trims
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference certified light fixtures database

Specifications, compliances and dimensions subject to change without notice

HL3 Round Trim Series

Use with HL36A Series Housings

Directional Open

TL3R Conical Reflector, Open, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3RH
Semi-specular clear reflector and flange

TL3RHWF
Semi-specular clear reflector and matte white flange

TL3RBN
Brushed nickel reflector and flange

TL3RORB
Oil rubbed bronze reflector and flange

TL3RMW
Matte white reflector and flange

TL3RMB
Matte white reflector and flange

Dimensions**
A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TL3RMWRL Conical Reflector, Open, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions and
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required

TL3RMWRLMW
Matte white reflector and flange

Dimensions**
A: 3.37" [85.60mm]
H: .74" [18.88mm]
OD: 3.56" [90.42mm]

TL3BBWF / TL3WBWF Conical Baffle, Open, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3BBWF
Matte black baffle, matte white flange

TL3WBWF
Matte white baffle, matte white flange

Dimensions**
A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TL3PIN Round Pinhole w/Oculus, Open, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3PINBNBB
Brushed nickel flange, black oculus

TL3PINORBBB
Oil rubbed bronze flange, black oculus

TL3PINMWWB
Matte white flange, white oculus

TL3PINMWBB
Matte white flange, black oculus

TL3PINMBBB
Matte black flange, black oculus

Dimensions**
A: 3.06" [77.67mm]
H: .84" [21.23mm]
OD: 4.36" [110.84mm]

TL3PINMWWBRL Round Pinhole w/Oculus, Open, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3PINMWWBRL
Matte white flange, white oculus

Dimensions**
A: 3.37" [85.60mm]
H: .77" [19.63mm]
OD: 3.56" [90.42mm]

Directional Lens

TL3R2G Conical Reflector, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3R2GH
Semi-specular clear reflector and flange

TL3R2GHWF
Semi-specular clear reflector and matte white flange

TL3R2GBN
Brushed nickel reflector and flange

TL3R2GORB
Oil rubbed bronze reflector and flange

TL3R2GMW
Matte white reflector and flange

TL3R2GMB
Matte white reflector and flange

Dimensions**
A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TL3R2GMWRL Conical Reflector, Diffuse Lens, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3R2GMWRL
matte white reflector and flange

Dimensions**
A: 3.37" [85.60mm]
H: .74" [18.88mm]
OD: 3.56" [90.42mm]

TL3PR2GMW Conical Polymer Reflector, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3PR2GMW
Matte white reflector and flange

Dimensions**
A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

Specifications, compliances and dimensions subject to change without notice

HL3 Round Trim Series

Use with HL36A Series Housings

TL3R2GBBWF / TL3R2GWBWF Conical Baffle, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3R2GBBWF
Matte black baffle, matte white flange

TL3R2GWBWF
Matte white baffle, matte white flange

Dimensions**
A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TL3PIN2G Round Pinhole w/Oculus, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3PIN2GBNBB
Brushed nickel flange, black oculus

TL3PIN2GORBBB
Oil rubbed bronze flange, black oculus

TL3PIN2GMWWB
Matte white flange, white oculus

TL3PIN2GMWBB
Matte white flange, black oculus

TL3PIN2GMBBB
Matte black flange, black oculus

Dimensions**
A: 3.06" [77.67mm]
H: .84" [21.23mm]
OD: 4.36" [110.84mm]

TL3PIN2GMWWBRL Round Pinhole w/Oculus, Diffuse Lens, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3PIN2GMWWBRL
Matte white flange, white oculus

Dimensions**
A: 3.37" [85.60mm]
H: .77" [19.63mm]
OD: 3.56" [90.42mm]

Lens Wall Wash

TL3LWW6G Conical Angle Cut Lens Wall Wash, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3LWW6GH
Semi-specular clear reflector and flange

TL3LWW6GHWF
Semi-specular clear reflector and matte white flange

TL3LWW6GMW
Matte white reflector and flange

Dimensions**
A: 3.50" [88.91mm]
H: .96" [24.45mm]
OD: 4.36" [110.84mm]

TL3LWW6GMWRL Conical Angle Cut Lens Wall Wash, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TL3LWW6GMWRL
Matte white reflector and flange

Dimensions**
A: 3.36" [85.26mm]
H: .87" [22.10mm]
OD: 3.56" [90.42mm]

Specifications, compliances and dimensions subject to change without notice

HL3 LED Series Housing

HL36SA Series

HL36SA

3" IC, Square Shallow New Construction, LED Housing

Recessed 3-inch square aperture LED downlight / directional with field interchangeable optics provide various distribution patterns. Ideal for accent, task and general area lighting. Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions and can be used in direct contact with insulation. Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter. Use where high efficiency, excellent light control and low aperture brightness are required.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

TLS3R	TLS3R2G
TLS3RMWRL	TLS3R2GMWRL
TLS3BBWF / TLS3WBWF	TLS3PR2GMW
TLS3PIN	TLS3R2GBBWF / TLS3R2GWBWF
TLS3PINMWWBRL	TLS3PIN2G

Features

Frame
- Galvanized steel plaster frame with integral bar hanger receivers
- Setscrew provide positive horizontal locking
- Collar adjusts vertically to accommodate 1/2″ to 7/8″ thick ceilings and locks in position with (4) screws
- Use optional collar extender for 7/8″ to 1-1/4″ thick ceilings
- Integral gun sights facilitate the use of guide strings or laser lines
- Shipped with overspray protector installed

Housing
- Steel housing painted matte black for a visually dark interior
- Removable top allows service from above

Bar Hangers
- GOT NAIL! Gen 3 bar hangers adjust from 10-1/2″ to 24″ wide
- Pass thru feature allows shortening without removal
- Captive nail penetrates standard and engineered lumber
- Mounting flange levels platform with ceiling
- Integral clip attaches directly to tee-bar

Gaskets
- Gaskets achieve restrictive airflow requirements without additional caulking

Adjustment Mechanism
- Rotates 360°, tilts 45° and locks in position maintaining any aiming angle
- Angle markings assist in repeatable settings
- Translating center beam optics aligns axis of primary reflector with aperture from nadir to 45°

Trim Retention
- Attached by (8) rare earth Neodymium magnets, holds trim securely to the ceiling
- Tether secures trim to housing during service or adjustment

LED Module
- LED array is field replaceable
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Color accuracy within 3 SDCM and 90 CRI minimum
- Passive cooling achieves L70 at 50,000 hours

Primary Optic
- Precision molded optics deliver highly efficient and uniform patterns
- Various patterns are available and can be interchanged without tools

Media
- Integral media holder accepts up to (2) 2″ diameter 3.0mm thick color filters or lens
- Order color filters and lens separately

Trims
- Die cast aluminum trims are available in open, lens and lens wall wash styles
- Polymer non-conductive trim meets many local code requirements for ‘dead front’
- Physical and optical cutoff provides visual comfort
- Light trap eliminates spill light with flange
- Multiple finishes to match many décors
- Available in self-flanged or rimless styles with optional rimless adaptor accessory

Shielding
- Micro-prismatic lens standard with lens trims
- Hinged to allow rimless trim removal

Driver
- Field replaceable constant current driver provides noise free operation
- UNV 120-277VAC 50/60Hz input
- Continuous, flicker-free 1% dimming, available with LE and TE phase cut (at 120V only) and 0-10V analog control

Junction Box
- Galvanized steel junction box with 18in3 internal volume
- Listed for (12) #12 AWG 90° C splice conductors
- (7) 1/2″ conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts mains voltage connections

Compliance
- Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select trims
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference certified light fixtures database

HL3 Square Trim Series

Use with HL36SA Series Housings

Directional Open

TLS3R Square Reflector, Open, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TLS3RH
Semi-specular clear reflector and flange

TLS3RHWF
Semi-specular clear reflector and matte white flange

TLS3RBN
Brushed nickel reflector and flange

TLS3RORB
Oil rubbed bronze reflector and flange

TLS3RMW
Matte white reflector and flange

TLS3RMB
Matte white reflector and flange

Dimensions**
A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TLS3RMWRL Square Reflector, Open, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TLS3RMWRL
Matte white reflector and flange

Dimensions**
A: 3.44" [87.41mm]
H: .74" [18.88mm]
OD: 3.56" [90.42mm]

TLS3BBWF / TLS3WBWF Square Baffle, Open, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TLS3BBWF
Matte black baffle, matte white flange

TLS3WBWF
Matte white baffle, matte white flange

Dimensions**
A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TLS3PIN Square Pinhole w/Oculus, Open, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TLS3PINBNBB
Brushed nickel flange, black oculus

TLS3PINORBBB
Oil rubbed bronze flange, black oculus

TLS3PINMWWB
Matte white flange, white oculus

TLS3PINMWBB
Matte white flange, black oculus

TLS3PINMBBB
Matte black flange, black oculus

Dimensions**
A: 3.38" [85.86mm]
H: .82" [20.83mm]
OD: 4.36" [110.84mm]

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

HL3 Square Trim Series

Use with HL36SA Series Housings

TLS3PINMWWBRL Square Pinhole w/Oculus, Open, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TLS3PINMWWBRL
Matte white flange, white oculus

Dimensions**
A: 3.39" [86.20mm]
H: .84" [21.29mm]
OD: 3.56" [90.42mm]

Directional Lens

TLS3R2G Conical Reflector, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TLS3R2GH
Semi-specular clear reflector and flange

TLS3R2GHWF
Semi-specular clear reflector and matte white flange

TLS3R2GBN
Brushed nickel reflector and flange

TLS3R2GORB
Oil rubbed bronze reflector and flange

TLS3R2GMW
Matte white reflector and flange

TLS3R2GMB
Matte white reflector and flange

Dimensions**
A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TLS3R2GMWRL Square Reflector, Diffuse Lens, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TLS3R2GMWRL
matte white reflector and flange

Dimensions**
A: 3.44" [87.41mm]
H: .74" [18.88mm]
OD: 3.56" [90.42mm]

TLS3PR2GMW Square Polymer Reflector, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TLS3PR2GMW
Matte white reflector and flange

Dimensions**
A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

****Key: A:** Luminous Aperture, **H:** Height, **ID:** Trim Inside Diameter, **OD:** Trim Outside Diameter

HL3 Square Trim Series

Use with HL36SA Series Housings

TLS3R2GBBWF / TLS3R2GWBWF Square Baffle, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required.

TLS3R2GBBWF
Matte black baffle,
matte white flange

TLS3R2GWBWF
Matte white baffle,
matte white flange

Dimensions**
A: 3.22" [81.67mm]
H: .77" [19.43mm]
OD: 4.36" [110.84mm]

TLS3PIN2G Square Pinhole w/Oculus, Diffuse Lens, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required

TLS3PIN2GBNBB
Brushed nickel flange,
black oculus

TLS3PIN2GORBBB
Oil rubbed bronze flange,
black oculus

TLS3PIN2GMWWB
Matte white flange,
white oculus

TLS3PIN2GMWBB
Matte white flange,
black oculus

TLS3PIN2GMBBB
Matte black flange,
black oculus

Dimensions**
A: 3.38" [85.86mm]
H: .82" [20.83mm]
OD: 4.36" [110.84mm]

TLS3PIN2GMWWBRL Square Pinhole w/Oculus, Diffuse Lens, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required

TLS3PIN2GMWWBRL
Matte white flange,
white oculus

Dimensions**
A: 3.39" [86.20mm]
H: .84" [21.29mm]
OD: 3.56" [90.42mm]

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

Lens Wall Wash

TLS3LWW6G Square Angle Cut Lens Wall Wash, Self Flanged

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required

TLS3LWW6GH
Semi-specular clear reflector and flange

TLS3LWW6GHWF
Semi-specular clear reflector and matte white flange

TLS3LWW6GMW
Matte white reflector and flange

Dimensions**
A: 3.48" [88.42mm]
OD: 4.36" [110.84mm]

TLS3LWW6GMWRL Square Angle Cut Lens Wall Wash, Rimless

- Recessed 3-inch aperture LED downlight / directional with field interchangeable optics provide various distribution patterns.
- Ideal for accent, task and general area lighting.
- Housing is airtight, suitable for 2x6 residential or shallow plenum commercial constructions.
- Can be used in direct contact with insulation.
- Trims are available in a range of finishes and can be installed rimless with an optional rimless adapter.
- Use where high efficiency, excellent light control and low aperture brightness are required

TLS3LWW6GMWRL
Matte white reflector and flange

Dimensions**
A: 3.33" [84.53mm]
H: .87" [22.10mm]
OD: 3.56" [90.42mm]

Key: A: Luminous Aperture, **H:** Height, **ID:** Trim Inside Diameter, **OD:** Trim Outside Diameter

H4 LED Series Housing

H457ICAT1E

H457ICAT1E

4" IC, Air-Tite, Shallow New Construction, LED Housing

The Halo H4 LED is a family of 4" aperture recessed downlight H457 series of housings designed for exclusive use with Halo EL406, ELG406, ELSG406 series LED light engines and compatible 4" TL4 and TLS4 LED trims. Halo H4 LED housings have LED drivers that offer dimming as a standard feature. This is an insulated ceiling* Air-Tite™ housing offering 120 volt dimming capability. The H4 LED series offers high quality downlighting along with high efficacy – the result being great lighting and significant energy savings.

Special Features

- Got Nail!™ bar hangers
- Pass-N-Thru™ bars
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Light Engines

EL406927	ELG406927	ELSG406927
EL406930	ELG406930	ELSG406930
EL406935	ELG406935	ELSG406935
EL406940	ELG406940	ELSG406940

Compatible Trims

TL402	TL409	TL411
TL403	TL410	TL422
TL408		

Features

Housing

- Enclosure of formed aluminum construction
- Openings are gasketed Air-Tite
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- Galvanized steel die-formed construction
- The collar can be removed from plaster frame to provide access to the junction box
- Collar adjusts for ceilings up to 1-1/4" thick
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Air-Tite aperture gasket is pre-installed
  - Halo identity embossed on plaster frame

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Light Engine Connection

- LED connector is a non-screw base connector offering easy installation with the H4 LED EL406, ELG406, ELSG406 series LED light engines
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (see LED module specification)

LED Driver

- LED dimmable driver mounts in the junction box.
- Driver is a 120 volt, high efficiency, electronic power supply providing low voltage power to EL series LED light engines
- Driver meets FCC EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level.
- Consult dimmer manufacturer for compatibility and conditions of use (Note, some dimmers require a neutral in the wallbox)

Compliance

- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation* and combustible material
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy luminaire compliance with EL series LED light engines
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

H457ICAT1E Energy Data

H4 Series LED (Values at non-dimming line voltage)
Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 18, (Consumer)
Sound Rating: Class A standards
Input Voltage: 120V
Power Factor: >0.90
Input Frequency: 50/60Hz
THD: <20%
Input Power: 13W
Input Current: 121mA
Driver Compliance: UL6950, LPS rated

H4 LED Lighting System

A LED Housing

B LED Light Engine

C LED Trim

OR

B C LED Adjustable Gimbal and Light Engine

Specifications, compliances and dimensions subject to change without notice

H4 LED Series Housing

H457RICAT1E

H457RICAT1E

4" IC, Air-Tite, Shallow Remodel, LED Housing

The Halo H4 LED is a family of 4" aperture recessed downlight H457 series of housings designed for exclusive use with Halo EL406, ELG406, ELSG406 series LED light engines and compatible TL4 and TLS4 LED trims. Halo H4 LED housings have LED drivers that offer dimming as a standard feature. This is an insulated ceiling*, Air-Tite™, remodel housing offering 120 Volt dimming capability. The H4 LED series offers high quality downlighting along with high efficacy – the result being great lighting and significant energy savings.

Special Features

Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Light Engines

EL406927	ELG406927	ELSG406927
EL406930	ELG406930	ELSG406930
EL406935	ELG406935	ELSG406935
EL406940	ELG406940	ELSG406940

Compatible Trims

TL402	TL409	TL411
TL403	TL410	TL422
TL408		

Features

Housing
Single wall formed aluminum construction. Openings are gasketed for Air-Tite installation. 5-1/2" height allows use in shallow joist construction. Air-Tite aperture gasket is pre-installed.

Remodel Arm
Spring steel construction designed for ease of installation and ceiling support of LED driver

Remodel Springs
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)

LED Light Engine Connection
- LED connector is a non-screw base connector offering easy installation with the H4 LED EL406, ELG406, ELSG406 series LED light engines
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specification)

LED Driver
- LED dimmable driver mounts in the junction box
- Driver is a 120 Volt, high efficiency, electronic power supply providing low voltage power to EL series LED light engines
- Driver meets FCC EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture an be operated from a standard wall switch

Dimming
- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level.
- Consult dimmer manufacturer for compatibility and conditions of use (Note, some dimmers require a neutral in the wallbox)

Compliance
- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used for State of California Title 24 high efficacy luminaire compliance with EL series LED light engines
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

H457RICAT1E Energy Data

H4 Series LED (Values at non-dimming line voltage)
Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 18, (Consumer)
Sound Rating: Class A standards
Input Voltage: 120V
Power Factor: >0.90
Input Frequency: 50/60Hz
THD: <20%
Input Power: 13W
Input Current: 120mA
Driver Compliance: UL8750, Class II rated

H4 LED Lighting System

A LED Housing

B LED Light Engine

C LED Trim

OR

B C LED Adjustable Gimbal and Light Engine

H4 LED Series Housing

H457TATE010

H457TATE010

4" Non-IC, Shallow New Construction, Dimmable LED Housing

The Halo H4 LED is a family of 4" aperture recessed downlight H457 series of housings designed for exclusive use with Halo EL406, ELG406, ELSG406 series LED light engines and compatible 4" TL4 and TLS4 LED trims. Halo H4 LED housings have integral LED drivers that offer dimming as a standard feature.
This is a Non-IC, Air-Tite™ housing for non-insulated ceiling installations, universal voltage 120V-277V input, and dimming with either 120V phase control dimmers, or 0-10V DC control systems. The H4 LED series offers high quality downlighting along with high efficacy – the result being great lighting and significant energy savings.

Special Features

Got Nail!™ bar hangers
Pass-N-Thru™ bars
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Light Engines

EL406927	ELG406927	ELSG406927
EL406930	ELG406930	ELSG406930
EL406935	ELG406935	ELSG406935
EL406940	ELG406940	ELSG406940

Compatible Trims

TL402	TL409	TL411
TL403	TL410	TL422
TL408		

Features

Housing
- Single wall die-formed construction
- Openings are gasketed

Plaster Frame
- Galvanized steel die-formed construction
- Housing can be removed from plaster frame for access to junction box
- Housing adjusts for ceilings up to 1" thickness
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Air-Tite aperture gasket is pre-installed
  - Halo identity embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Light Engine Connection
- LED connector is a non-screw base connector offering easy installation with the H4 LED EL406, ELG406, ELSG406 series LED light engines
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specification)

LED Driver
- LED dimmable driver mounts to the housing junction box
- Driver is a 120V-277V universal voltage, high efficiency, electronic power supply providing low voltage power to EL series LED light engines
- Driver meets FCC EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor and low THD, and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming - Phase Control
Designed for continuous dimming to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

Dimming - 0-10V
- Dimmable to 10% with compatible 0-10V DC low voltage dimmers
- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.
- Switching on/off is controlled via the line voltage (120V AC or 277V AC) power, and dimming is controlled via the 2-wire 0-10V DC low voltage wiring

Compliance
- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- For non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used to comply with State of California Title 24 non-residential lighting controls requirements as part of an LED luminaire
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

H457TATE010 Energy Data

H4 Series LED (Values at non-dimming line voltage)
Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 18, (Consumer)
Sound Rating: Class A standards
Input Voltage: 120V-277V
Power Factor: >0.90
Input Frequency: 50/60Hz
THD: <25%
Input Power: 13W
Input Current: 121mA
Driver Compliance: UL8750, Class II rated

H4 LED Lighting System

A LED Housing

B LED Light Engine

C LED Trim

OR

B C LED Adjustable Gimbal and Light Engine

Specifications, compliances and dimensions subject to change without notice

H4 LED Series Housing

H457RTATE010

4" Non-IC, Shallow Remodel, Dimmable LED Housing

The Halo H4 LED is a family of 4" aperture recessed downlight H457 series of housings designed for exclusive use with Halo EL406, ELG406, ELSG406 series LED light engines and compatible 4" TL4 and TLS4 LED trims. Halo H4 LED housings have integral LED drivers that offer dimming as a standard feature. This is a Non-IC, Air-Tite™ remodel housing designed for non-insulated ceiling installations, universal voltage 120V-277V input, and dimming with either 120V phase control dimmers, or 0-10V DC control systems. The H4 LED series offers high quality downlighting along with high efficacy – the result being great lighting and significant energy savings.

Special Features

Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Light Engines

EL406927	ELG406927	ELSG406927
EL406930	ELG406930	ELSG406930
EL406935	ELG406935	ELSG406935
EL406940	ELG406940	ELSG406940

Compatible Trims

TL402	TL409	TL411
TL403	TL410	TL422
TL408		

Features

Housing
Single wall aluminum housing. Openings are gasketed for Air-Tite installation. 5-1/2" height allows use in shallow joist construction. Air-Tite aperture gasket is pre-installed.

Remodel Arm
Spring steel construction designed for ease of installation and ceiling support of LED driver

Remodel Springs
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:
- Air-Tite™ code compliant (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)

LED Light Engine Connection
- LED connector is a non-screw base connector offering easy installation with the H4 LED EL406, ELG406, ELSG406 series LED light engines
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specification)

LED Driver
- LED dimmable driver mounts to the housing junction box
- Driver is a 120V-277V universal voltage, high efficiency, electronic power supply providing low voltage power to EL series LED light engines
- Driver meets FCC EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming - Phase Control
Designed for continuous dimming to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

Dimming - 0-10V
- Dimmable to 10% with compatible 0-10V DC low voltage dimmers
- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.
- Switching on/off is controlled via the line voltage (120V AC or 277V AC) power, and dimming is controlled via the 2-wire 0-10V DC low voltage wiring

Compliance
- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used to comply with State of California Title 24 non-residential lighting controls requirements as part of an LED luminaire
- For non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing.

H457RTATE010 Energy Data

H4 Series LED (Values at non-dimming line voltage)
Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 15, (Consumer)
Sound Rating: Class A standards
Input Voltage: 120V-277V
Power Factor: >0.90
Input Frequency: 50/60Hz
THD: <25%
Input Power: 13W
Input Current: 121mA
Driver Compliance: UL8750, Class II rated

H4 LED Lighting System

A LED Housing

B LED Light Engine

C LED Trim

OR

B C LED Adjustable Gimbal and Light Engine

H4 LED Series Housing

H457TCPE010

H457TCPE010

4" Non-IC, New Construction, Dimmable LED Housing, Chicago Plenum

The Halo H4 LED is a family of 4" aperture recessed downlight H457 series of housings designed for exclusive use with Halo EL406, ELG406, ELSG406 series LED light engines and compatible 4" TL4 and TLS4 LED trims. Halo H4 LED housings have integral LED drivers that offer dimming as a standard feature. This is a Non-IC, Air-Tite™ housing for non-insulated Chicago Plenum rated installations, universal voltage 120V-277V input, and dimming with either 120V phase control dimmers, or 0-10V DC control systems. The H4 LED series offers high quality downlighting along with high efficacy – the result being great lighting and significant energy savings.

Special Features

Got Nail!™ bar hangers
Pass-N-Thru™ bars
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Light Engines

EL406927	ELG406927	ELSG406927
EL406930	ELG406930	ELSG406930
EL406935	ELG406935	ELSG406935
EL406940	ELG406940	ELSG406940

Compatible Trims

TL402	TL409	TL411
TL403	TL410	TL422
TL408		

Features

Housing
- Single wall die-formed construction
- Constructed and gasketed to meet Chicago CCEA requirements
- Sealed flex connection from junction box to housing for Chicago Plenum rating
- Openings are gasketed for Air-Tite installation (in Non-IC ceilings)

Plaster Frame
- Galvanized steel die-formed construction
- Housing can be removed from plaster frame for access to junction box
- Housing adjusts for ceilings up to 1-1/4" thickness
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Air-Tite aperture gasket is pre-installed
- Halo identity embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Light Engine Connection
- LED connector is a non-screw base connector offering easy installation with the H4 LED 2nd generation EL406, ELG406, ELSG406 series LED light engines
- This non-screw base connection preserves the high efficacy rating and prevents use of low efficacy sources (See LED module specification)

LED Driver
- LED dimmable driver mounts to the housing junction box
- Driver is a 120V-277V universal voltage, high efficiency, electronic power supply providing low voltage power to EL series LED light engines
- Driver meets FCC EMI/RFI consumer level limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming - Phase Control
Designed for continuous dimming to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

Dimming - 0-10V
- Dimmable to 10% with compatible 0-10V DC low voltage dimmers
- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.
- Switching on/off is controlled via the line voltage (120V AC or 277V AC) power, and dimming is controlled via the 2-wire 0-10V DC low voltage wiring

Compliance
- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Meets City of Chicago Plenum requirements
- For non-insulated ceilings. If ceiling insulation is present, it must be kept 3 inches from all sides of housing
- Use with designated HALO LED systems for ENERGY STAR® certification
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- Can be used to comply with The State of California Title 24 non residential lighting controls as part of an LED luminaire

H457TCPE010 Energy Data

H4 Series LED (Values at non-dimming line voltage)
Minimum Starting Temp: -30°C (-22°F)
EMI/RFI: FCC Title 47 CFR, Part 18, (Consumer)
Sound Rating: Class A standards
Input Voltage: 120V-277V
Power Factor: >0.90
Input Frequency: 50/60Hz
THD: <25%
Input Power: 13W
Input Current: 121mA
Driver Compliance: UL8750, Class II rated

H4 LED Lighting System

A LED Housing

B LED Light Engine

C LED Trim

OR

B C LED Adjustable Gimbal and Light Engine

Specifications, compliances and dimensions subject to change without notice

H4 LED Series Light Engine

EL4069xx

EL4069xx

4" LED Light Engine

The Halo H4 LED is a family of 4" aperture recessed downlights with H457 series housings designed for use with Halo EL406 series LED light engines and compatible TL4 and TLS4 series LED trims. Halo H4 LED is a three part system: EL406 light engines, with TL4/TLS4 trims and H457 housings. H4 LED features 90 CRI color rendering index and offers a superior optical design that yields productive beam lumens, good cutoff and low glare.

Compatible Housings

H457ICAT1E	H457TATE010
H457RICAT1E	H457RTATE010
	H457TCPE010

Compatible Trims

TL402	TL409	TL411
TL403	TL410	TL422
TL408		

Features

Upper Heat Sink
- Durable extruded aluminum construction
- Conducts heat away from the LED keeping the junction temperatures below specified maximums, even when installed in insulated ceilings

Lower Heat Sink
- Durable die-cast aluminum construction
- Precision keyed flange designed to lock with matching keyed slots in H4 trim rings
- Works in conjunction with the upper heat sink for heat conduction away from the LED

Friction Blades:
- Precision formed stainless steel spring blades provide retention of the EL406 series of light engines in the H457 series housings
- Friction blade design allows the light engine to be installed in any position within the housing aperture (360 degrees)

LED Connection
- LED connector is non-screw base offering easy installation with the H457 series housings
- LED connector is compliant with high efficacy luminaire code requirements as a non-screw base socket
- Separate grounding cable included on the module for attachment to the housing during installation

Color Specification & Quality Standards
- Halo employs a tight chromaticity specification and LED color binning process to ensure LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) consistency over the useful life of the LED
- Halo H4 LED chromaticity specification is 3 SDCM which exceeds ENERGY STAR® color standards (as per ANSI 78.377)
- Every Halo LED module is quality tested and performance measured on the production line, and serialized to register lumens, wattage, CRI and CCT
- Halo LED's serialized testing and measurement process further ensures color and lumen consistency to meet stringent EATON lighting specifications and exceed ENERGY STAR® and State of California standards

LED
- Correlated Color Temperature (CCT): 2700ºK, 3000ºK, 3500ºK, 4000ºK*
- Color Rendering Index (CRI): 90 (R9 > 50)
- LED package consisting of an engineered array of multiple LEDs to create one virtual source, for a productive "cone of light"
- Lumen maintenance L70 at 50,000 hours
- 450-900 lumens, range dependent on CCT and trim*
- Designed for interchangeable trim choices, with selection from multiple reflector, baffle, and lens trim options

Compliance
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- International Energy Conservation Code – IECC high efficacy requirements when used with designated LED trims
- LED emits no ultraviolet and only minimal infrared wavelengths
- RoHS compliant
- Wet location listed, protected ceiling with H4 lensed downlight trims
- Electrical/energy data - refer to H457 housings (LED driver is integral to housing)

Selection of Light Engine

Model Number	Nominal CCT
EL406927	2700
EL406930	3000
EL406935	3500
EL406940	4000

*Trim type and color temperature determines the delivered lumen value. Refer to specification sheets and photometric files at www.eaton.com/lighting

H4 LED Lighting System

A LED Housing

B LED Light Engine

C LED Trim

H4 LED Series Trims

Use with EL4069xx Light Engines

TL402 Solite® Regressed Lens Reflector

- Precision formed aluminum reflector
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim and gasket provides Air-Tite™ installation
- Solite® lens high-clarity low-iron glass for high-lumen transmission and diffusion of source brightness
- Wet location listed, covered ceilings
- Compatible with optional TL400 designer trim rings

TL402SCS
Specular Clear Reflector, White Trim

TL402SBKS
Specular Black Reflector, White Trim

TL402HS
Haze Reflector, White Trim

TL402WHS
White Reflector, White Trim

TL402SNS
Satin Nickel Reflector, Satin Nickel Trim

TL402TBZS
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
A: 3-3/8" [86mm]
H: 1-3/4" [43mm]
OD: 5" [129mm]

TL403 Solite® Regressed Lens Baffle

- Precision formed aluminum baffle
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim and gasket provides Air-Tite™ installation
- Solite® lens high-clarity low-iron glass for high-lumen transmission and diffusion of source brightness
- Wet location listed, covered ceilings
- Compatible with optional TL400 designer trim rings

TL403WBS
White Baffle, White Trim

TL403BBS
Black Baffle, White Trim

Dimensions**
A: 3-3/8" [86mm]
H: 1-3/4" [43mm]
OD: 5" [129mm]

TL408 Solite® Square Glass Lens Baffle

- Precision formed aluminum baffle
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim and gasket provides Air-Tite™ installation
- Solite® lens high-clarity low-iron glass for high-lumen transmission and diffusion of source brightness
- Wet location listed, covered ceilings

TL408WHWB
White Baffle, White Trim

TL408WHBB
Black Baffle, White Trim

TL408SNBB
Black Baffle, Satin Nickel Trim

TL408TBZBB
Black Baffle, Tuscan Bronze Trim

Dimensions**
A: 3-3/8" [86mm]
H: 1-3/4" [43mm]
OD: 5" [129mm]

TL409 Wall Wash Reflector with Diffuse Dome Lens

- Precision formed aluminum reflector
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Polymer (plastic) diffusing dome lens
- Wet location listed, covered ceilings
- Trim and gasket provides Air-Tite™ installation
- Compatible with optional TL400 designer trim rings
- High-reflectance, specular wall wash kick reflector

TL409WW
Semi-Specular Clear Reflector, White Trim Specular Kick Reflector

TL409WHWW
White Reflector, White Trim Specular Kick Reflector

Dimensions**
A: 3-3/8" [86mm]
H: 1-3/4" [43mm]
OD: 5" [129mm]

Solite® is a registered trademark of AGC Flat Glass North America

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

H4 LED Series Trims

Use with EL4069xx Light Engines

TL410 Deep Regressed Reflector with Diffuse Dome Lens

- Precision formed aluminum reflector
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim and gasket provides Air-Tite™ installation
- Polymer (plastic) diffusing dome lens
- Wet location listed, covered ceilings
- Compatible with optional TL400 designer trim rings

TL410SC
Specular Clear Reflector, White Trim

TL410H
Haze Reflector, White Trim

TL410WH
White Reflector, White Trim

TL410SBK
Specular Black Reflector, White Trim

TL410SN
Satin Nickel Reflector, Satin Nickel Trim

TL410TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
A: 3-3/8" [86mm]
H: 1-3/4" [43mm]
OD: 5" [129mm]

TL411 Deep Regressed Baffle Trims with Diffuse Dome Lens

- Precision formed aluminum baffle
- Die cast trim ring
- Standard trim ring provides clearance for remodeler flange and gasket
- Trim and gasket provides Air-Tite™ installation
- Polymer (plastic) diffusing dome lens
- Wet location listed, covered ceilings
- Compatible with optional TL400 designer trim rings

TL411WB
White Baffle, White Trim

TL411BB
Black Baffle, White Trim

Dimensions**
A: 3-3/8" [86mm]
H: 1-3/4" [43mm]
OD: 5" [129mm]

TL422 "Dead-Front" Polymer Shower Baffle with Prismatic Lens

- Precision formed polymer (plastic) baffle and trim ring
- Prismatic, clear flat polymer (plastic) lens
- Standard trim ring provides clearance for remodeler flange and gasket
- Shower trim front is non-electrically conductive "dead-front"
- Trim and gasket provides Air-Tite™ installation
- Wet location listed, covered ceilings

TL422PS
White Plastic Baffle, Trim Ring and Prismatic Plastic Lens

Dimensions**
A: 3-3/8" [86mm]
H: 1-3/4" [43mm]
OD: 5" [129mm]

TL400 Designer Trim Rings

- Optional accessory
- Replaces standard ring included with TL4 round trims
- Die cast trim ring
- Thin tapered profile provides subtle ceiling appearance (0.120" at OD and 0.180" at ID)

Compatibility

TL402	TL409	TL411
TL403	TL410	

TL400PC
Polished Chrome Trim

TL400SBK
Black Trim

TL400WH
White Trim Ring

TL400SN
Satin Nickel Trim Ring

TL400TBZ
Tuscan Bronze Trim

Dimensions**
ID: 3-3/8" [86mm]
OD: 5-1/8" [130mm]

****Key: A:** Luminous Aperture, **H:** Height, **ID:** Trim Inside Diameter, **OD:** Trim Outside Diameter

H4 LED Series Adjustable/Light Engine

ELG4069xx & ELSG4069xx

ELG4069xx **ELSG4069xx**

4" LED Gimbal, 2nd Generation

Halo H4 LED adjustable gimbals, ELG406 series, combine an adjustable gimbal trim and LED light engine for use with H457 series housings. The H4 LED adjustable gimbals feature 35° tilt and offer interchangeable optics with three beam distributions of 25°, 35°, and 50°. H4 LED offers 90 CRI color rendering index and four color temperatures 2700K, 3000K, 3500K, 4000K. Three high-quality trim finishes of white, satin nickel, and tuscan bronze are available. Halo LED offers high quality, fit, finish, and performance in an energy-efficient, high efficacy gimbal.

Compatible Housings

H457ICAT1E	H457TATE010
H457RICAT1E	H457RTATE010
	H457TCPE010

Features

Upper Heat Sink
- Durable aluminum construction
- Conducts heat away from the LED keeping the junction temperatures below specified maximums, even when installed in insulated ceiling housings

Gimbal
- Precision designed fit and finish
- Die-cast aluminum with snap-in front loading ring allowing interchange of beam forming reflectors
- Gimbal front ring holds one lens media. Clear glass lens is included. Optional lens media such as L111 soft focus may be used in place of clear glass lens.
- 35° tilt adjustment with friction fit to heat sink
- Smooth travel from nadir to 35°
- Works with the upper heat sink for thermal conduction away from the LED

Friction Blades:
- Precision formed stainless steel spring blades provide retention of the EL406 series of light engines in the H457 series housings
- Friction blade design allows the light engine to be installed in any position within the housing aperture (360 degrees)

LED Connection
- LED connector is non-screw base offering easy installation with the H457 series housings
- LED connector is compliant with high efficacy luminaire code requirements as a non-screw base socket
- Separate grounding cable included on the module for attachment to the housing during installation

Optics
- Three beam distribution options with interchangeable round beam forming reflectors
- Gimbal is supplied with 25° reflector pre-installed
- Reflector options: 25°, 35°, 50° beam angle order (TL412RK kit)
- Clear glass cover lens included with gimbal. One optional accessory lens may be used in place of clear lens.
- Reflector and lens are accessible behind the gimbal's snap-in front ring

Optical Accessory Reflector Kit – TL412RK
- Includes all three reflector options
  - 25° beam angle reflector (one included with gimbal)
  - 35° beam angle reflector
  - 50° beam angle reflector

Color Specification & Quality Standards
- LED is a chip on board design consisting of a multiple LED package with proximity phosphor coating to create one virtual white light source for a productive "cone of light"
- Halo employs a tight chromaticity specification and LED color binning process to ensure LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) consistency over the useful life of the LED
- Halo H4 LED chromaticity specification is 3 SDCM which exceeds ENERGY STAR® color standards (as per ANSI 78.377)
- Every Halo LED module is quality tested and performance measured on the production line, and then serialized to register lumens, wattage, CRI and CCT

LED
- Correlated Color Temperature (CCT): 2700°K, 3000°K, 3500°K, 4000°K*
- Color Rendering Index (CRI): 90 (R9 > 50)
- LED emits no ultraviolet and minimal infrared wavelengths
- 700-930 nominal lumens, dependent on CCT and trim*
- Lumen maintenance L70 at 50,000 hours

Compliance
- Use with designated HALO LED systems for ENERGY STAR® certification
- Can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- International Energy Conservation Code (IECC) high efficacy requirements when used with designated LED trims
- RoHS compliant
- Damp location listed with H457 LED housings
- Electrical/Energy Data refer to H457 LED housings (LED driver is integral to housing)

Selection of Gimbal Light Engine

Model Number	Nominal CCT
ELG406927 • ELSG406927	2700
ELG406930 • ELSG406930	3000
ELG406935 • ELSG406935	3500
ELG406940 • ELSG406940	4000

*Trim type and color temperature determines the delivered lumen value. Refer to specification sheets and photometric files at www.eaton.com/lighting

H4 LED Lighting System

A LED Housing

OR

B C LED Adjustable Gimbal and Light Engine

Specifications, compliances and dimensions subject to change without notice

HL6 LED AllSlope
Slope Ceiling Solutions

Featuring unique interchangeable beam-forming optics, full range dimming and multiple color temperatures and trim options, the Halo AllSlope LED downlight system is specifically designed for slope ceiling applications with pitch aiming from 2/12 (10º) to 12/12 (45º). The innovative design allows the LED light engine full adjustment capability so it can be aimed straight down in accordance with the ceiling pitch, resulting in outstanding performance and appearance. The three piece system consists of a choice of a 6" aperture housing, available in 1200 series or 1800 series, LED light engines with three interchangeable optics and a trim selection from a full line of compatible trims including reflectors, baffles and lens choices. The high-efficiency, energy-saving solution provides up to 73% in energy savings with virtually no maintenance for residential, hospitality, retail and institutional needs.

AllSlope LED IC Housing

HL612ICAT

HL612ICAT - HLM69xx

6" IC, Air-Tite, New Construction, LED Housing, 120V – 277V

Recessed 6" sloped ceiling LED ICAT housing for insulated ceilings* from 2/12 to 12/12 pitch. The socket aiming mechanism tilts the lamp straight down regardless of ceiling pitch. Rotational collar allows trim alignment of up to 20 degree rotation. The HL612 system consists of 1) housing with integral LED driver, 2) high efficacy LED light engine with a selection of beam-forming lenses, and 3) slope trim. Housing is suitable for residential or commercial installations in insulated ceilings* and features Air-Tite code compliant construction.

Special Features

Got Nail!™ bar hangers
Pass-N-Thru™ bars
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Roof Pitch = Rise/Run

Compatible LED Light Engines & Trims

Light Engines	Trims
HLM6927	455
HLM6930	456
HLM6935	70
HLM6940	71
	73

Features

Housing
- Single wall square aluminum housing construction
- Sealed and gasketed for Air-Tite ASTM E283 compliance
- Shipped with overspray protector installed
- Mechanism can be removed from the plaster frame to provide access to the junction box

Plaster Frame
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness.
- Regressed locking screw for securing hanger bars
- Cutouts included for easily crimping hanger bars in position
- Bar hangers can be repositioned at 90°

Aiming Mechanism
- Exclusive socket aiming mechanism tilts and rotates to properly align the LED light engine
- LED light engine may be tilted and locked to accommodate 2/12 to 12/12 pitch
- LED light engine and trim may be rotated laterally up to 20 degrees for compound slope ceilings or to compensate off-axis aiming

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Light Engines (Order Separately)
- Turn-to-lock base provides secure retention of the LED light engine to the aiming mechanism, and provides a low-voltage electrical quick-connector
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K
- Color Rendering Index (CRI): 90 (R9 > 50)
- 745 - 1750 Nominal lumens, range dependent on CCT and trim**
- Lumen maintenance: L70 at 50,000 hours

Beam Forming Lenses (Interchangeable)
- HLM6 LED light engines are designed to accept HL6 series lens optics
- The 40-degree Flood (FL) lens is included with the LED light engine, and may be ordered separately as a replacement
- Alternate beam options are offered in 25° Narrow Flood (NFL) and 55° Wide Flood (WFL), ordered separately
- The interchangeable lenses feature beam distributions with refined visual shielding to control beam angle and lumen delivery in accommodating various ceiling heights

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation* and combustible material
- Energy Code compliant
  - ENERGY STAR® certified luminaire
  - Can be used for California Title 24 Compliance, Title 20 Certified for residential compliance
  - Can be used for International Energy Conservation Code (IECC) compliance
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits suitable for use in commercial and residential installations
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- Junction box features a separate compartment for 0-10V DC low voltage dimming connections, to comply with NEC
- RoHs compliant

* Not to be used in direct contact with spray foam insulation (Refer to NEMA LSD57-2013)

Selection of Light Engine**

Model Number	Nominal CCT
HLM6927	2700
HLM6930	3000
HLM6935	3500
HLM6940	4000

**Trim type and color temperature determines the delivered lumen value. Refer to specification sheets and photometric files at www.eaton.com/lighting

HL612ICAT - HLM69 LED System

Housing + Light Engine + Trim

Specifications, compliances and dimensions subject to change without notice

AllSlope LED Non-IC Housing

HL618TAT

HL618TAT - HLM69xx

6" Non-IC, Air-Tite, New Construction, LED Housing, 120V – 277V

HL618TCP - HLM69xx

6" Non-IC, Air-Tite, New Construction, LED Housing, Chicago Plenum, 120V – 277V

Recessed 6" sloped ceiling LED Non-IC housing for non-insulated ceilings* from 2/12 to 12/12 pitch. The socket aiming mechanism tilts the lamp straight down regardless of ceiling pitch. Rotational collar allows trim alignment of up to 20 degree rotation. The HL618 system consists of 1) housing with integral LED driver, 2) high efficacy LED light engine with a section of beam-forming lenses, and 3) slope trim. Housing is suitable for residential or commercial installations in non-insulated ceilings* and features Air-Tite code compliant construction.

Special Features

- Got Nail!™ bar hangers
- Pass-N-Thru™ bars
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Roof Pitch = Rise/Run

Compatible LED Light Engines & Trims

Light Engines	Trims
HLM6927	455
HLM6930	456
HLM6935	70
HLM6940	71
	73

Features

Housing

- Single wall square aluminum housing construction
- Sealed and gasketed for Air-Tite ASTM E283 compliance
- Shipped with overspray protector installed
- Mechanism can be removed from the plaster frame to provide access to the junction box
- Chicago Plenum model is constructed and gasketed in accordance with City of Chicago CCEA requirements

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness.
- Regressed locking screw for securing hanger bars
- Cutouts included for easily crimping hanger bars in position
- Bar hangers can be repositioned at 90°

Aiming Mechanism

- Exclusive socket aiming mechanism tilts and rotates to properly align the LED light engine
- LED light engine may be tilted and locked to accommodate 2/12 to 12/12 pitch
- LED light engine and trim may be rotated laterally up to 20 degrees for compound slope ceilings or to compensate off-axis aiming

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

LED Light Engines (Order Separately)

- Turn-to-lock base provides secure retention of the LED light engine to the aiming mechanism, and provides a low-voltage electrical quick-connector
- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K
- Color Rendering Index (CRI): 90 (R9 > 50)
- 970 - 2285 nominal lumens, range dependent on CCT and trim**
- Lumen maintenance: L70 at 50,000 hours

Beam Forming Lenses (Interchangeable)

- HLM6 LED light engines are designed to accept HL6 series lens optics
- The 40-degree Flood (FL) lens is included with the LED light engine, and may be ordered separately as a replacement
- Alternate beam options are offered in 25° Narrow Flood (NFL) and 55° Wide Flood (WFL), ordered separately
- The interchangeable lenses feature beam distributions with refined visual shielding to control beam angle and lumen delivery in accommodating various ceiling heights

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- Energy Code compliant
  - ENERGY STAR® certified luminaire
  - Can be used to comply with California Title 24 non-residential lighting controls requirements as a LED luminaire
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits suitable for use in commercial and residential installations
- Chicago Plenum model (HL618TCP) is specially constructed and marked for Chicago Plenum applications (CCEA)
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- Junction box features a separate compartment for 0-10V DC low voltage dimming connections, to comply with NEC
- RoHs compliant

* If insulation is present it must be kept 3" from all sides and top of housing. Not to be used in direct contact with spray foam insulation (Refer to NEMA LSD57-2013)

HL618TAT (TCP) - HLM69 LED System

Selection of Light Engine**

Model Number	Nominal CCT
HLM6927	2700
HLM6930	3000
HLM6935	3500
HLM6940	4000

**Trim type and color temperature determines the delivered lumen value. Refer to specification sheets and photometric files at www.eaton.com/lighting

AllSlope LED System

HL6 Series Ordering Information

1. Housing

HL612ICAT = 6" Slope ceiling, insulated ceiling rated, Air-Tite, recessed housing, UNV 120V–277V
HL618TAT = 6" Slope ceiling, non-insulated ceiling rated, Air-Tite, recessed housing, UNV 120V-277V
HL618TCP = 6" Slope ceiling recessed housing, non-insulated ceiling rated, CCEA marked for Chicago Plenum, UNV 120V-277V

2. LED Light Engines

HLM6927 = 90 CRI, 2700K 40˚ Flood lens
HLM6930 = 90 CRI, 3000K 40˚ Flood lens
HLM6935 = 90 CRI, 3500K 40˚ Flood lens
HLM6940 = 90 CRI, 4000K 40˚ Flood lens

2. Lens Optics Beam Forming (Order Separately)

HL6NFL = 25° Narrow flood
HL6FL = 40° Flood (1 included with LED light engine)
HL6WFL = 55° Wide flood
HL6LHRPK = Replacement lens holder ring

3. LED Trims

Reflector - OD: 7-1/4" [184mm]
455SC = Specular clear reflector, white metal trim ring
455H = Semi-specular haze reflector, white metal trim ring
455SN = Satin nickel reflector, satin nickel metal trim ring
455TBZ = Tuscan bronze reflector, tuscan bronze metal trim ring

Baffles - OD: 7-1/4" [184mm]
456W = White Coilex baffle, white metal trim ring
456P = Black Coilex baffle, white metal trim ring

Lenses and Diffusers "Dead-Front" - OD: 8" [203mm]
70P = Albalite glass lens, white polymer trim ring
70PS = Albalite glass lens, white polymer trim ring, wet location - Showerlight
70SNS = Albalite glass lens, satin nickel polymer trim ring, wet location - Showerlight
71P = Drop opal glass lens, white polymer trim ring
71PS = Drop opal glass lens, white polymer trim ring, wet location - Showerlight
73P = Fresnel glass lens, white polymer trim ring
73PS = Fresnel glass lens, white polymer trim ring, wet location - Showerlight

Accessories (Order Separately)

Oversize Trim Rings

OT400P = Oversize flat white metal trim ring 6" ID x 9-1/4" OD (ring slips behind trim, in stepped configuration)
OT403P = Oversize white plastic trim ring 6" ID x 8" OD (ring slips behind trim, in stepped configuration)
TRM690WH = Oversize matte white metal trim ring. Designed to inset into oversize ring for an even (non-stepped) trim surface.

Designer Trim Rings

OD 7-1/4" 184mm; 6" Designer trim rings, for 455 and 456 trims
TRM6C = Chrome metal
TRM6MB = Black metal
TRM6P = White metal
TRM6SN = Satin nickel metal
TRM6TBZ = Tuscan bronze metal
TRM7MB = Black polymer

HL6 Energy Data

HL612ICAT (1200 Series)		
Min. operating temperature	-30C/-22F	
Input Voltage	120V	277V
Input Current (A)	0.16	0.07
Input Power (W)	19.1	20.0
Input Frequency	50/60Hz	
FCC 47CFR Part 15 EMI/RFI	Consumer Limits (Residential & Commercial)	
THD	≤ 20%	
Power Factor	≥ 0.9	
Sound Rating	Class A	

HL618TAT & HL618TCP (1800 Series)		
Min. operating temperature	-30C/-22F	
Input Voltage	120V	277V
Input Current (A)	0.23	0.10
Input Power (W)	27.6	27.0
Input Frequency	50/60Hz	
FCC 47CFR Part 15 EMI/RFI	Consumer Limits (Residential & Commercial)	
THD	≤ 20%	
Power Factor	≥ 0.9	
Sound Rating	Class A	

For proper slope aiming install with junction box in upward position

Improper Install

LED Driver

- Integral to the housing, 120V-277V 50/60 Hz universal voltage, constant current dimmable driver provides high efficiency operation
- Driver meets FCC 47CFR Part 15 EMI/RFI consumer limits for use in residential and commercial installations
- Driver features high power factor and low THD and has integral thermal protection in the event of over temperature or internal failure
- Driver is specifically designed for compatibility with HLM6 LED light engines
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming

Phase Control

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. (Dimmers with low end trim adjustment offer greater assurance of achieving 5% level)
- Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

0-10V

- Dimmable to 10% in typical operation with compatible 0-10V DC low voltage dimmers
- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.
- Switching on/off is controlled via the line voltage (120V AC or 2 V AC) power, and dimming is controlled via the 2-wire 0-10V DC low voltage wiring

Color Specification & Quality Standards

- A tight chromaticity specification ensures LED color uniformity, sustainable Color Rendering Index (CRI) and Correlated Color Temperature (CCT) over the useful life of the LED
- High color performance with 90 CRI minimum, and R9 greater than 50
- LED color uniformity of 3 SDCM exceeds ENERGY STAR® color standards per ANSI C78.377-2008
- Halo LED serialized testing and measurement ensures color and lumen consistency on a per-unit basis, and validates long-term product consistency over time
- Lumen maintenance L70 at 50,000 hours

Specifications, compliances and dimensions subject to change without notice

LED Direct & Surface Mount

Direct Mount
HLB Series 112
HLA Series 118
RL-DM Series 120
SMD-DM Series 124

Surface Mount
BLD Series 126
CLD Series 130
SMD Series 132
SLD Series 136
HLC Series 141

LED Direct Mount

Halo offers a series of Direct Mount (DM) products which can be installed directly into the ceiling with no additional junction box or housing required. This version of Halo downlights provides a quick installation and flush finish with the ceiling.

Direct Mounts with a remote driver / junction box

The MicroEdge HLB, MicroEdge HLA and RL-DM LED modules work with a remote driver / junction box that is ideal for new construction and renovation work. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money.

HLB3R

HLB3S

HLB4R

HLB4S

HLA4R

HLA4S

HLB6R

HLB6S

1/2"

The HLB can install from below the ceiling in as little as a 1-1/2" plenum height.

RL4-DM

RL6-DM

Easy Installation*

*Images show installation of the round HLB6. Templates are provided with the product to help with cutting the hole.

1. Cut a hole in drywall using a hole saw or with the provided template.

2. Wire to the remote junction box.

3. Fold both of the spring clips upward.

4. Push the fixture up into place.

Specifications, compliances and dimensions subject to change without notice

Direct Mounts with an on board driver / junction box

The SMD-DM modules work with an integral driver and juntion box pre-installed on the back of the fixture. It is ideal for new construction and renovation work. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money.

SMD4R-DM

SMD4S-DM

SMD6R-DM

SMD6S-DM

Easy Installation*

*Images show installation of the square SMD-DM. Follow the same steps for the round products.

1. Cut a hole in drywall with the provided template.

2. Wire to the integrated fixture junction box.

3. Fold both of the spring clips upward.

4. Push the fixture up into place.

LED Direct Mount

HLB3 & HLB3S Series

HLB3

3" Ultra-thin LED Lens Round or Square Downlight

The HLB3 is a 3-inch ultra-thin round or square LED lens downlight with remote driver / junction box suitable for new construction and remodel applications. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Installs from below the ceiling in as little as 3-1/2" plenum height, can be used in direct contact with insulation and is airtight. Use for general area lighting in low to medium height ceilings where energy savings, long life and economy are required.

Features

Housing
- Die cast aluminum mounting frame with integral flange provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications
- High impact diffuse lens provides shielding to the light guide minimizing pixilation

Gasket
- Closed cell gasket achieves restrictive airflow and wet location listing without additional gaskets or caulking
- Optional Mounting Frame
- Pre-galvanized steel mounting frame locates fixture fittings during electrical rough in and provides cutout guidance for drywall contractor
- Provides tool-less attachment of remote driver / junction box

Optics
- Precision acrylic light guide organizes source flux into wide distribution with 1.4 spacing criteria, useful for general area illumination

LED Array
- Plurality of mid power LED's provides a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 provides high color rendering
- Fixed 2700, 3000, 3500 and 4000 K CCT color temperatures, color accuracy within 3 SDCM
- Meets Energy Star color angular uniformity requirements, deviation is less than 0.004 u' v'

Remote Driver / Junction Box
- Pre-galvanized steel driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90˚ C splice conductors, 2-in, 2-out plus (2) ground
- (2) ½" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral mounting slots facilitate direct mounting to building structure or mounting frame

Driver
- 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation
- Can be installed in 1/2" to 1-1/4" thick ceilings
- Cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

Compliance
- cULus certified type IC suitable for direct contact with air permeable insulation
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Wet location listed and IP44 ingress protection
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR certified, reference "Certified Light Fixtures" database

HLB3 Energy Data

	HLB3	HLB3S
Lumens	500 Series	500 Series
Input Voltage	120V	120V
Input Current	100 (mA)	100 (mA)
Input Power	9.0 (W)	9.0 (W)
Efficiency	60 (LPW)	60 (LPW)
Inrush (A)	2.2 A @ 42mS	2.2 A @ 42mS
THD	≤ 20%	≤ 20%
PF	≥ 0.90	≥ 0.90
T Ambient	-30° - +40°C	-30° - +40°C
Sound Rating	≤ 22 dba	≤ 22 dba

Specifications, compliances and dimensions subject to change without notice

LED Direct Mount

HLB3 & HLB3S Series

Oversized Trim

HLB3ROTMW
round, matte white

Designer Trims

HLB3RTRMMW
round, white (paintable)

HLB3RTRMSN
round, satin nickel

HLB3RTRMTBZ
round, tuscan bronze

HLB3 Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB3 = 3-Inch LED lens downlight with remote driver / junction box	**05**=500 lumens (nominal)	**927**=90 CRI minimum, 2700K CCT **930**=90 CRI minimum, 3000K CCT **935**=90 CRI minimum, 3500K CCT **940**=90 CRI minimum, 4000K CCT	**1E**= 120V 60Hz, LE & TE phase cut 5% dimming	**MW**= matte white flange	**R**= recyclable 4-color unit carton suitable for point of purchase merchandizing display	**HL3RSMF** = 3″ round and square mounting frame **HLB3ROTMW** = 3″ round oversized trim, matte white **HLB3RTRMMW** = 3″ round decorative overlay, matte white **HLB3RTRMSN** = 3″ round decorative overlay, satin nickel **HLB3RTRMTBZ** = 3″ round decorative overlay, tuscan bronze

Oversized Trim

HLB3SOTMW
square, matte white

Designer Trims

HLB3STRMMW
square, white (paintable)

HLB3STRMSN
square, satin nickel

HLB3STRMTBZ
square, tuscan bronze

HLB3S Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB3S = 3-Inch LED square lens downlight with remote driver / junction box	**05**=500 lumens (nominal)	**927**=90 CRI minimum, 2700K CCT **930**=90 CRI minimum, 3000K CCT **935**=90 CRI minimum, 3500K CCT **940**=90 CRI minimum, 4000K CCT	**1E**= 120V 60Hz, LE & TE phase cut 5% dimming	**MW**= matte white flange	**R**= recyclable 4-color unit carton suitable for point of purchase merchandizing display	**HL3RSMF** = 3″ round and square mounting frame **HLB3SOTMW** = 3″ square oversized trim, matte white **HLB3STRMMW** = 3″ square decorative overlay, matte white **HLB3STRMSN** = 3″ square decorative overlay, satin nickel **HLB3STRMTBZ** = 3″ square decorative overlay, tuscan bronze

LED Direct Mount

HLB4 & HLB4S Series

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

HLB4

4" Ultra-thin LED Lens Round or Square Downlight

The HLB4 is a 4-inch ultra-thin round or square LED lens downlight with remote driver / junction box suitable for new construction and remodel applications. Field selectable color temperature and high color rendering provide excellent color performance. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Installs from below the ceiling in as little as 1-1/2" plenum height, can be used in direct contact with insulation and is airtight. Use for general area lighting in low to medium height ceilings where energy savings, long life and economy are required.

Features

Housing
- Die cast aluminum mounting frame with integral flange provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications
- High impact diffuse lens provides shielding to the light guide minimizing pixilation.

Gasket
- Closed cell gasket achieves restrictive airflow and wet location listing without additional gaskets or caulking.

Optics
- Precision acrylic light guide organizes source flux into wide distribution with 1.4 spacing criteria, useful for general area illumination

LED Array
- Plurality of mid power LED's provides a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 provides high color rendering
- Fixed 3000 and 4000 K CCT color temperatures, color accuracy within 3 SDCM
- Optional field selectable color temperature, select 2700, 3000, 3500, 4000 or 5000 K CCT, color accuracy within 4 SDCM
- Meets ENERGY STAR® color angular uniformity requirements, deviation is less than 0.006 u' v'

Remote Driver/Junction Box
- Pre-galvanized steel driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90° C splice conductors, 2-in, 2-out plus (2) ground
- (2) ½" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral mounting holes facilitate direct mounting to building structure or mounting frame

Driver
- 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation
- Can be installed in 1/2" to 1-1/4" thick ceilings
- Cutout utilizes standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Housing is less than ½" thick and can span a 2" nominal framing member
- Can be removed from below the ceiling for service or replacement

Optical Mounting Frame
- Pre-galvanized steel mounting frame locates fixture fittings during electrical rough in and provides cutout guidance for drywall contractor
- Provides attachment of remote driver / junction box

Compliance
- cULus certified type IC suitable for direct contact with air permeable insulation
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Wet location listed and IP44 ingress protection
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference "Certified Light Fixtures" database

HLB4 Energy Data

	HLB4	HLB4S
Lumens	600	600
Input Voltage	120V	120V
Input Current	100 (mA)	90 (mA)
Input Power	12.0 (W)	10.5 (W)
Efficiency	60 (LPW)	60 (LPW)
Inrush (A)	2.2 A @42mS	2.2 A @54mS
THD	≤ 20%	≤ 20%
PF	≥ 0.90	≥ 0.90
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	≤ 22 dba	≤ 22 dba

Specifications, compliances and dimensions subject to change without notice

LED Direct Mount

HLB4 & HLB4S Series

HL4RSMF
round & square mounting frame

Oversized Trim

HLB4ROTMW
round, matte white

Designer Trims

HLB4RTRMMW
round, white (paintable)

HLB4RTRMSN
round, satin nickel

HLB4RTRMTBZ
round, tuscan bronze

HLB4 Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB4 = 4-Inch ultra-thin LED lens downlight with remote driver / junction box	**06** = 600 lumen (nominal)	**930** = 90 CRI minimum, 3000 K CCT **940** = 90 CRI minimum, 4000 K CCT **9FS** = 90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT	**1E** = 120V 60Hz, LE & TE phase cut 5% dimming	**MW** = matte white flange	**R** = recyclable 4-color unit carton suitable for point of purchase merchandizing display	**HL4RSMF** = 4″ round and square mounting frame **HLB4ROTMW** = 4″ round oversized trim, matte white **HLB4RTRMMW** = 4″ round decorative overlay, matte white **HLB4RTRMSN** = 4″ round decorative overlay, satin nickel **HLB4RTRMTBZ** = 4″ round decorative overlay, tuscan bronze

HL4RSMF
round & square mounting frame

Oversized Trim

HLB4SOTMW
square, matte white

Designer Trims

HLB4STRMMW
square, white (paintable)

HLB4STRMSN
square, satin nickel

HLB4STRMTBZ
square, tuscan bronze

HLB4S Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB4S = 4-Inch ultra-thin LED square lens downlight with remote driver / junction box	**06** = 600 lumen (nominal)	**930** = 90 CRI minimum, 3000 K CCT **940** = 90 CRI minimum, 4000 K CCT **9FS** = 90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT	**1E** = 120V 60Hz, LE & TE phase cut 5% dimming	**MW** = matte white flange	**R** = recyclable 4-color unit carton suitable for point of purchase merchandizing display	**HL4RSMF** = 4″ round and square mounting frame **HLB4SOTMW** = 4″ square oversized trim, matte white **HLB4STRMMW** = 4″ square decorative overlay, matte white **HLB4STRMSN** = 4″ square decorative overlay, satin nickel **HLB4STRMTBZ** = 4″ square decorative overlay, tuscan bronze

LED Direct Mount

HLB6 & HLB6S Series

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

HLB6

6" Ultra-thin LED Lens Round or Square Downlight

The HLB6 is a 6-inch ultra-thin round or square LED lens downlight with remote driver / junction box suitable for new construction and remodel applications. Field selectable color temperature and high color rendering provide excellent color performance. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Installs from below the ceiling in as little as 1-1/2" plenum height, can be used in direct contact with insulation and is airtight. Use for general area lighting in low to medium height ceilings where energy savings, long life and economy are required.

Features

Housing
- Die cast aluminum mounting frame with integral flange provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications
- High impact diffuse lens provides shielding to the light guide minimizing pixilation

Gasket
- Closed cell gasket achieves restrictive airflow and wet location listing without additional gaskets or caulking

Optics
- Precision acrylic light guide organizes source flux into wide distribution with 1.4 spacing criteria, useful for general area illumination

LED Array
- Plurality of mid power LED's provides a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 provides high color rendering
- Fixed 3000 and 4000 K CCT color temperatures, color accuracy within 3 SDCM
- Optional field selectable color temperature, select 2700, 3000, 3500, 4000 or 5000 K CCT, color accuracy within 4 SDCM
- Meets ENERGY STAR® color angular uniformity requirements, deviation is less than 0.006 u' v'

Remote Driver/Junction Box
- Die formed metal driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90° C splice conductors, 2-in, 2-out plus (2) ground
- (2) 1/2" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral mounting holes facilitate direct mounting to building structure or mounting frame

Driver
- 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation
- Can be installed in 1/2" to 1-1/4" thick ceilings
- Cutout utilizes standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Housing is less than ½" thick and can span a 2" nominal framing member
- Can be removed from below the ceiling for service or replacement

Optional Mounting Frame
- Pre-galvanized steel mounting frame locates fixture fittings during electrical rough in and provides cutout guidance for drywall contractor
- Provides attachment of remote driver / junction box

Compliance
- cULus certified type IC suitable for direct contact with air permeable insulation
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Wet location listed and IP44 ingress protection
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference "Certified Light Fixtures" database

HLB6 Energy Data

	HLB6	HLB6S
Lumens	900	900
Input Voltage	120V	120V
Input Current	132 (mA)	120 (mA)
Input Power	16.0 (W)	14.0 (W)
Efficiency	66 (LPW)	66 (LPW)
Inrush (A)	2.1 A @14mS	2.2 A @45mS
THD	≤ 20%	≤ 20%
PF	≥ 0.90	≥ 0.90
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	≤ 22 dba	≤ 22 dba

Specifications, compliances and dimensions subject to change without notice

LED Direct Mount

HLB6 & HLB6S Series

HL6RSMF
round & square mounting frame

Oversized Trim

HLB6ROTMW
round, matte white

Designer Trims

HLB6RTRMMW
round, white (paintable)

HLB6RTRMSN
round, satin nickel

HLB6RTRMTBZ
round, tuscan bronze

HLB6 Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB6 = 6-Inch ultra-thin LED lens downlight with remote driver / junction box	**09** = 900 lumen (nominal)	**930** = 90 CRI minimum, 3000 K CCT **940** = 90 CRI minimum, 4000 K CCT **9FS** = 90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT	**1E** = 120V 60Hz, LE & TE phase cut 5% dimming	**MW** = matte white flange	**R** = recyclable 4-color unit carton suitable for point of purchase merchandizing display	**HL6RSMF** = 6″ round and square mounting frame **HLB6ROTMW** = 6″ round oversized trim, matte white **HLB6RTRMMW** = 6″ round decorative overlay, matte white **HLB6RTRMSN** = 6″ round decorative overlay, satin nickel **HLB6RTRMTBZ** = 6″ round decorative overlay, tuscan bronze

HL6RSMF
round & square mounting frame

Oversized Trim

HLB6SOTMW
square, matte white

Designer Trims

HLB6STRMMW
square, white (paintable)

HLB6STRMSN
square, satin nickel

HLB6STRMTBZ
square, tuscan bronze

HLB6S Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Packaging	Accessories
HLB6S = 6-Inch ultra-thin LED square lens downlight with remote driver / junction box	**09** = 900 lumen (nominal)	**930** = 90 CRI minimum, 3000 K CCT **940** = 90 CRI minimum, 4000 K CCT **9FS** = 90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT	**1E** = 120V 60Hz, LE & TE phase cut 5% dimming	**MW** = matte white flange	**R** = recyclable 4-color unit carton suitable for point of purchase merchandizing display	**HL6RSMF** = 6″ round and square mounting frame **HLB6SOTMW** = 6″ square oversized trim, matte white **HLB6STRMMW** = 6″ square decorative overlay, matte white **HLB6STRMSN** = 6″ square decorative overlay, satin nickel **HLB6STRMTBZ** = 6″ square decorative overlay, tuscan bronze

LED Direct Mount

HLA4 & HLA4S Series

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

HLA4

4" Ultra-thin LED Lens Round or Square Directional Downlight

The HLA4 is a 4-inch ultra-thin round or square LED directional with remote driver / junction box suitable for new construction and remodel applications. Field selectable color temperature and high color rendering provide excellent color performance. Simplified installation in drywall or suspended ceilings eliminates recessed cans saving time and money. Installs from below the ceiling in as little as 1-1/2" plenum height, can be used in direct contact with insulation and is airtight. Use for accent or task lighting in low to medium height ceilings where energy savings, long life and economy are required.

Features

Housing
- Die cast aluminum mounting frame with round or square flange
- Gimbal rotates 360° and tilts ± 35° holding any aiming angle
- Aluminum heat sink provides passive thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Gasket
- Closed cell gasket achieves restrictive airflow and wet location listing without additional gaskets or caulking

Optics
- Pre-galvanized steel mounting frame locates fixture fittings during electrical rough in and provides cutout guidance for drywall contractor
- Provides tool-less attachment of remote driver / junction box

LED Array
- Plurality of mid power LED's provides a uniform source with high efficiency and long life
- Available in 90 CRI minimum, R9 greater than 50 provides high color rendering
- Field selectable color temperature, select 2700, 3000, 3500, 4000 or 5000 K CCT, color accuracy within 4 SDCM
- Meets ENERGY STAR® color angular uniformity requirements, deviation is less than 0.006 u' v'

Remote Driver/Junction Box
- Pre-galvanized steel driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90˚ C splice conductors, 2-in, 2-out plus (2) ground
- (2) ½" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral mounting slots facilitate direct mounting to building structure or mounting frame

Driver
- 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation
- Can be installed in 1/2" to 1-1/4" thick ceilings
- Cutout utilizes standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

Compliance
- cULus certified type IC suitable for direct contact with air permeable insulation
- Not recommended for use in direct contact with spray foam insulation, reference NEMA LSD57-2013
- Wet location listed and IP44 ingress protection
- Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy LED compliance under JA8, reference Modernized Appliance Efficiency Database System (MAEDBS) for 2016 JA8 High Efficacy Lighting
- ENERGY STAR® certified, reference "Certified Light Fixtures" database

HLA4 Energy Data

	90 CRI
Lumens	600
Input Voltage	120V
Input Current	90 (mA)
Input Power	10.5 (W)
Efficiency	60 (LPW)
Inrush (A)	1.9 A @54mS
THD	≤ 20%
PF	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	≤ 22 dba

Specifications, compliances and dimensions subject to change without notice

LED Direct Mount

HLA4 & HLA4S Series

HLA4 Series Ordering Information

Models	Lumens	Distribution	CRI / CCT (CRI)	Driver	Finish	Packaging
HLA4 = 4-Inch LED round directional with remote driver / junction box	**06** = 600 lumen (nominal)	**VWFL** = 80° very wide flood distribution	**930** = 90 CRI minimum, 3000 K CCT **940** = 90 CRI minimum, 4000 K CCT **9FS** = 90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT	**1E** = 120V 60Hz, LE & TE phase cut 5% dimming	**MW** = matte white flange	**R** = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

HL4RSMF = 4″ round and square mounting frame
HLB4ROTMW = 4″ round oversized trim, matte white
HLB4RTRMMW = 4″ round decorative overlay, matte white
HLB4RTRMSN = 4″ round decorative overlay, satin nickel
HLB4RTRMTBZ = 4″ round decorative overlay, tuscan bronze

HLB06EC = 6′ extension cablee
HLB12EC = 12′ extension cablee
HLB20EC = 20′ extension cablee

HL4RSMF
round & square mounting frame

Oversized Trim

HLB4ROTMW
round, matte white

Designer Trims

HLB4RTRMMW
round, white (paintable)

HLB4RTRMSN
round, satin nickel

HLB4RTRMTBZ
round, tuscan bronze

HLA4S Series Ordering Information

Models	Lumens	Distribution	CRI / CCT (CRI)	Driver	Finish	Packaging
HLA4S = 4-Inch LED square directional with remote driver / junction box	**06** = 600 lumen (nominal)	**VWFL** = 80° very wide flood distribution	**930** = 90 CRI minimum, 3000 K CCT **940** = 90 CRI minimum, 4000 K CCT **9FS** = 90 CRI minimum, field selectable 2700, 3000, 3500, 4000 or 5000 K CCT	**1E** = 120V 60Hz, LE & TE phase cut 5% dimming	**MW** = matte white flange	**R** = recyclable 4-color unit carton suitable for point of purchase merchandizing display

Accessories

HL4RSMF = 4″ round and square mounting frame
HLB4SOTMW = 4″ square oversized trim, matte white
HLB4STRMMW = 4″ square decorative overlay, matte white
HLB4STRMSN = 4″ square decorative overlay, satin nickel
HLB4STRMTBZ = 4″ square decorative overlay, tuscan bronze

HLB06EC = 6′ extension cablee
HLB12EC = 12′ extension cablee
HLB20EC = 20′ extension cablee

HL4RSMF
round & square mounting frame

Oversized Trim

HLB4SOTMW
square, matte white

Designer Trims

HLB4RTRMMW
round, white (paintable)

HLB4RTRMSN
round, satin nickel

HLB4RTRMTBZ
round, tuscan bronze

LED Direct Mount

RL4-DM Series

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

RL4-DM

4" LED Direct Mount Retrofit Module with SeleCCTable switch

The Halo RL4 Direct Mount is a SeleCCTable complete LED Baffle-Trim Module for 4-inch aperture applications, all without the need for a recessed housing; suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The RL family offers a regressed lens that provides uniform illumination and wet location listing. Precision construction makes this product AIR-TITE for added savings and code compliance.

Efficiency Standards T24 — Can be used to comply with 2016 Title 24 Part 6 LED Enclosed Light Source Requirements (JA8)

ENERGY STAR

Can be used for IECC International Energy Conservation Code High Efficacy Compliant

RoHS Compliant

UL CERTIFIED SAFETY

Showerlight

airtite™

Features

CCT Select System
- Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT

Module - Trim
- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED Array

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM at the CCT endpoints and 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has an selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Remote Driver/Junction Box
- Aluminum driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90˚ C splice conductors, 2-in, 2-out plus (2) ground
- (2) ½" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps all
- Accepts 14-2, 14-3, 12-2, 12-3 U.S and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral keyhole mounting slots facilitate direct mounting to building structure or new construction mounting frame

Driver
- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation
- Can be installed in 1/2" to 1-1/4"thick ceilings
- Cutout can utilize standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

Mounting/Retention
- The RL-DM requires no housing or third party junction box
- The remote enclosure may be used in direct contact with insulation.
- Installer must cut template out of drywall and install into aperture with the clips compressed.
- When released, the spring clips will rest on to the back side of the drywall
- Not for installation in recessed cans

Compliance
- UL Certified for US and Canada
- Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

RL4-DM Energy Data @ 3000K

	90 CRI
Lumens	600
Input Voltage	120V
Input Current	74 (mA)
Input Power	8.7 W
Efficiency	75 (LPW)
Inrush (A)	2.1 A
THD	≤ 20%
PF	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	≤ 20dba

Specifications, compliances and dimensions subject to change without notice

LED Direct Mount

RL4-DM Series

RL4-DM Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Mounting
RL4 = 4″ all- purpose retrofit LED module	**06** = 600 lumen (nominal)	**9S** = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	**1E** = 120V 60Hz leading or trailing edge phase cut 5% dimming	**WH** = matte white baffle	**DM** = Direct Mount

Accessories

HL4NCMF = 4″ round new construction mounting frame
HL4RSMF = 4″ round and square mounting frame

HL4RSMF
round & square mounting frame

HL4NCMF
round new construction mounting frame

LED Direct Mount

RL6-DM Series

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

RL6-DM

6" LED Direct Mount Retrofit Module with SeleCCTable switch

The Halo RL6 Direct Mount is a SeleCCTable complete LED Baffle-Trim Module for 6 inch aperture applications, all without the need for a recessed housing; suitable for new construction, remodel and retrofit installation. Using the CCT selectable switch users can chose between five different color temperatures. The RL family offers a regressed lens that provides uniform illumination and wet location listing. Precision construction makes this product AIR-TITE for added savings and code compliance.

Features

CCT Select System
- Use the switch to choose between 2700K, 3000K, 3500K, 4000K, and 5000K CCT

Module - Trim
- Module construction includes LED Array, heat sink, reflector, lens, baffle and trim ring.
- Regressed baffle
- Heat sink designed to conduct heat away from the LED Array

LED Array
- Mid power LED array provides a uniform source with high efficiency and no pixilation.
- 90 CRI minimum, R9 greater than 50
- Color accuracy within 3 SDCM at the CCT endpoints and 4 SDCM in between endpoints, provide color accuracy and uniformity.
- Color Temperature (CCT) has an selectable range from 2700K to 5000K (factory default 3000K)

Optical Assembly
- Regressed lens
- Impact-resistant polycarbonate
- Convex form and lamp-like appearance
- Diffuse for even illumination

Gaskets
- Closed cell gaskets achieve restrictive airflow requirements without additional caulking

Remote Driver/Junction Box
- Aluminum driver / junction box with captive hinged junction box cover
- Listed for (6) #12 AWG 90˚ C splice conductors, 2-in, 2-out plus (2) ground
- (2) ½" conduit pry-outs
- (2) Slide-N-Side™ non-metallic (NM) wire traps all
- Accepts 14-2, 14-3, 12-2, 12-3 U.S and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections
- Integral keyhole mounting slots facilitate direct mounting to building structure or new construction mounting frame

Driver
- Integral 120V 60 Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5%.
- Plenum rated inline electrical quick connect provides low voltage connection to fixture fitting

Installation
- Can be installed in 1/2" to 1-1/4"thick ceilings
- Cutout can utilize standard round hole saw sizes, cutout template provided
- Heat treated springs hold fixture fitting securely in the ceiling eliminating light leaks
- Can be removed from below the ceiling for service or replacement

Mounting/Retention
- The RL-DM requires no housing or third party junction box
- The remote enclosure may be used in direct contact with insulation.
- Installer must cut template out of drywall and install into aperture with the clips compressed.
- When released, the spring clips will rest on to the back side of the drywall
- Not for installation in recessed cans

Compliance
- UL Certified for US and Canada
- Wet and Damp location listed
- Airtight certified per ASTM-E283
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions per FCC 47CFR Part 15 consumer limits
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Can be used for State of California Title 24 high efficacy luminaire compliance. Complies with Title 24 JA8-2016-E.
- Can be used International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance.
- ENERGY STAR® listed, reference database for current listings

RL6-DM Energy Data @ 3000K

	90 CRI
Lumens	600
Input Voltage	120V
Input Current	74 (mA)
Input Power	8.7 W
Efficiency	82.8 (LPW)
Inrush (A)	2.1 A @14mS
THD	≤ 20%
PF	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	≤ 20dba

Specifications, compliances and dimensions subject to change without notice

LED Direct Mount

RL6-DM Series

RL6-DM Series Ordering Information

Models	Lumens	CRI / CCT (CRI)	Driver	Finish	Mounting
RL6 = 6″ all- purpose retrofit LED module	**06** = 600 lumen (nominal)	**9S** = 90 CRI minimum, white tuning, selectable CCT 2700K-5000K	**1E** = 120V 60Hz leading or trailing edge phase cut 5% dimming	**WH** = matte white baffle	**DM** = Direct Mount

Accessories

HL6NCMF = 6″ round new construction mounting frame
HL6RSMF = 6″ round and square mounting frame

HL6RSMF
round & square mounting frame

HL6NCMF
round new construction mounting frame

LED Direct Mount

SMD4-DM Series

SMD4-DM

4" LED Round and Square Direct Mount

The Halo Surface Mount LED Downlight (SMD) is an ultra-low profile surface mounting luminaire with a modern look and high performance. SMD4-DM (4" with spring clips) is designed for new installation into drywall, without any additional housing or junction box needed. Suitable for residential or commercial installations. Ideal for general areas, closets, storage areas, attics and basements. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

Features

Housing
- Non-electrically conductive polycarbonate frame.
- High impact diffuse polystyrene lens provides shielding to the light guide with no pixilation
- Stamped aluminum housing provides thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Gaskets
- Closed cell gasket achieves restrictive airflow and wet location requirements without additional caulking

Optics
- Precision acrylic light guide organizes source flux into wide distribution with 1.2 – 1.4 spacing criteria useful for general area illumination

LED
- Mid power led array provide a uniform source with high efficiency and long life.
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Driver
- Integral 120V 50/60Hz constant current driver provides noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect (provided) provides mains connections

Mounting/Retention
- The SMD-DM with Spring Clips requires no housing or junction box.
- The integral enclosure may be used in direct contact with insulation including spray foam insulation.
- Installer must cut template out of drywall, and install into the aperture with the clips compressed.
- When released, the spring clips will rest on to the back side of the drywall.
- Installer must ensure secure fit and wiring. This includes all applicable national and local electrical and building codes

Compliance
- cULus listed / certified for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability.
- Wet and Damp Location listed, airtight per ASTM-E283
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance

SMD4-DM Energy Data @ 5000K

	Round	Square
Lumens	786	810
Input Voltage	120V	120V
Input Current	0.0811A	0.0829 A
Input Power	9.7 W	10 W
Efficiency	81 lm/W	81 lm/W
THD	13.3	13.2
Frequency	50/60 Hz	50/60 Hz
CRI	90 CRI	90 CRI
PF	0.99	0.99
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

SMD4-DM Series Ordering Information

Models	Lumens	CRI / CCT		Finish	Mounting
SMD4R = 4" Round Surface Mount Downlight, 120V	**6** = 600 lumen series	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K	**940** = 90CRI, 4000K **950** = 90CRI, 5000K	**WH** = white	**DM** = Direct Mount
SMD4S = 4" Square Surface Mount Downlight, 120V	**6** = 600 lumen series				

Specifications, compliances and dimensions subject to change without notice

LED Direct Mount

SMD6-DM Series

SMD6-DM

6" LED Round and Square Direct Mount

The Halo Surface Mount LED Downlight (SMD) is an ultra-low profile surface mounting luminaire with a modern look and high performance. SMD6-DM (6" with spring clips) is designed for new installation into drywall, without any additional housing or junction box needed. Suitable for residential or commercial installations. Ideal for general areas, closets, storage areas, attics and basements. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

Efficiency Standards T24 Can be used to comply with 2016 Title 24 Part 6 LED Enclosed Light Source Requirements (JA8)

Features

Housing
- Non-electrically conductive polycarbonate frame.
- High impact diffuse polystyrene lens provides shielding to the light guide with no pixilation
- Stamped aluminum housing provides thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Gaskets
- Closed cell gasket achieves restrictive airflow and wet location requirements without additional caulking

Optics
- Precision acrylic light guide organizes source flux into wide distribution with 1.2 – 1.4 spacing criteria useful for general area illumination

LED
- Mid power led array provide a uniform source with high efficiency and long life.
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Driver
- Integral 120V 50/60Hz constant current driver provides noise free operation
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect (provided) provides mains connections

Mounting/Retention
- The SMD-DM with Spring Clips requires no housing or junction box
- The integral enclosure may be used in direct contact with insulation including spray foam insulation.
- Installer must cut template out of drywall, and install into the aperture with the clips compressed.
- When released, the spring clips will rest on to the back side of the drywall.
- Installer must ensure secure fit and wiring. This includes all applicable national and local electrical and building codes

Compliance
- cULus listed / certified for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability.
- Wet and Damp Location listed, airtight per ASTM-E283
- Suitable for use in closets,
- compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance

SMD6-DM Energy Data @ 5000K

	Round	Square
Lumens	788	815
Input Voltage	120V	120V
Input Current	0.0811A	0.085 A
Input Power	9.7 W	10 W
Efficiency	82 lm/W	82 lm/W
THD	13.9	14.7
Frequency	50/60 Hz	50/60 Hz
CRI	90 CRI	90 CRI
PF	0.99	0.99
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

SMD6-DM Series Ordering Information

Models	Lumens	CRI / CCT		Finish	Mounting
SMD6R = 6" Round Surface Mount Downlight, 120V	**6** = 600 lumen series	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K	**940** = 90CRI, 4000K **950** = 90CRI, 5000K	**WH** = white	**DM** = Direct Mount
SMD6S = 6" Square Surface Mount Downlight, 120V	**6** = 600 lumen series				

LED Surface Mount

BLD4 Series

BLD4

4" Backlit LED Downlight

The Halo Backlit LED Downlight (BLD) incorporates state of the art lighting technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. BLD4 is designed for installation in many 3-1/2" and 4" round or octagon junction boxes including pancake boxes. It can also retrofit in 4" aperture IC and Non-IC recessed housings. Suitable for residential or commercial installations.

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

Efficiency Standards T24 — Can be used to comply with 2016 Title 24 Part 6 LED Enclosed Light Source Requirements (JA8)

Efficiency Standards T20 — California Title 20 Certified LED Tier 1 Lamp

ENERGY STAR

Can be used for IECC International Energy Conservation Code High Efficacy Compliance

RoHS Compliant

UL CERTIFIED SAFETY

Showerlight

airtite™

Features

Construction
Stamped aluminum housing and frame

Optics
- Precision engineered optic provides uniform luminance from a low profile convex lens

LED
- Backlit LED technology
- Color Temperature options include: standard 3000K dedicated or SeleCCTable configuration including 2700K, 3000K, 3500K, 4000K and 5000K options.
- 90 CRI is standard
- L70 at 50,000 hours projected in accordance with TM-21

Driver
- Integral 120V 60Hz constant current driver provides virtually noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers. See dimming guide.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect and E26 adapter (provided) provides mains connections.

Electrical Junction Box Mounting
- BLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes.
- Dedicated CCT SKUs are compatible with compact (pancake) junction boxes
- Selectable CCT configuration, driver consumes 3 cubic inches of junction box, selectable CCT configuration is not compatible with pancake junction boxes
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded Recessed Housing Mounting
- Can be installed in industry standard 4-inch recessed housings using friction mounting springs and (E26) medium base adapter provided.
- Not for use in recessed housings in direct contact with spray foam insulation refer to NEMA LSD 57-2013

Warranty
- Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

Compliance
- cULus certified for use with Halo housings and other's housings, see instruction sheet for conditions of acceptability.
- Wet and Damp Location listed, airtight per ASTM-E283 (protected ceiling only)
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire Compliance
- ENERGY STAR® Certified luminaire - consult ENERGY STAR® Certified Product List

BLD4 Energy Data

	3000K Dedicated	SeleCCTable 2700K-5000K
Lumens	690	802
Wattage	8.2W	10.3W
Input Current	0.07	0.087
Efficacy	84.1 LPW	77.9 LPW
THD	15.1%	11.9%
Frequency	60 Hz	60 Hz
T Ambient	-30 - +40°C	-30 - +40°C
Voltage	120V	120V
Sound Rating	Class A	Class A
Power Factor	0.99	0.99

Specifications, compliances and dimensions subject to change without notice

LED Surface Mount

BLD4 Series

BLD4 Series Ordering Information

Models	Lumens	Color Rendering Index (CRI)	Finish	Voltage
BLD4 = 4" Surface LED downlight, 120V (Includes hardware kits for junction box and recessed housing mounting)	**06** = 600 lumen series	**930** = 90CRI, 3000K	**WH** = Matte white	**Blank** = 120V
	06 = 900 lumen series	**9S** = 90 CRI, SeleCCTable 2700K, 3000K, 3500K, 4000K & 5000K	**WH** = Matte white	**Blank** = 120V

Housing Compatibility

Models		Recessed Can Size	Catalog Number
HALO LED	Compatible Halo LED Housings with LED luminaire connector (high-efficacy compliant)	4"	H995ICAT, H995RICAT, H245ICAT, H245RICAT
HALO	Compatible Halo Incandescent E26 Screwbase Housings	4"	H99ICAT, H99TAT, H99RTAT, E4ICATSB, E4TATSB, E4RTATSB

Compatible with Eaton's Crouse-Hinds Junction Box (Order Separately)

TP316
For non-metallic (NM) cable 4" x 4" x 2-1/8"
[102mm x 102mm x 54mm]

TP317
For metal clad cable 4" x 4" x 2-1/8"
[102mm x 102mm x 54mm]

- **TP316** - for non-metallic (NM) cable
- **TP317** - for metal clad cable
- UL Listed
- Refer to www.crouse-hinds.com

Compatible with many other Junction Boxes*

4" octagon light fixture/fan steel box
4" x 4" x 2-1/8"
(102mm x 102mm x 54mm)

4" octagon steel box
4" x 4" x 1-1/2"
(102mm x 102mm x 38mm)

4" round new work non-metallic box with hanger bar assembly
4" diameter x 2-3/16" (102mm x 56mm)

4" round new work non-metallic light fixture/fan box
4" diameter x 2-3/16"
(102mm x 56mm)

3-1/2" round new work non-metallic ceiling box
3-1/2" diameter x 2-3/4"
(89mm x 70mm)

3-1/2" round old work non-metallic box
4-1/4" O.D. flange, 3-1/2" I.D. x 2-5/8"
(108mm O.D., 89mm I.D. x 67mm)

4" round surface mount box
4" diameter x 1-1/2"
(102mm x 38mm)

Round ceiling pan
4" diameter x 13/16"
(102mm x 21mm)
Note: only compatible with fixed CCT BLD406930

*This is a representative list of compatible junction boxes only. Information contained in this literature about other manufacturers' products is from published information made available by the manufacturer and is deemed to be reliable, but has not been verified. Eaton makes no specific recommendation on product selection and there are no warranties of performance or compatibility implied. Installer must determine that site conditions are suitable to allow proper installation of the mounting bracket in the box.

LED Surface Mount

BLD6 Series

BLD6

6" Backlit LED Downlight

The Halo Backlit LED Downlight (BLD) incorporates state of the art lighting technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. BLD6 is designed for installation in many 3-1/2" and 4" round or octagon junction boxes including pancake boxes. It can also retrofit in 5" or 6" aperture IC and Non-IC recessed housings. Suitable for residential or commercial installations.

5 seleCCTable™ colors

2700K • 3000K • 3500K
4000K • 5000K

Efficiency Standards T24 Can be used to comply with 2016 Title 24 Part 6 LED Enclosed Light Source Requirements (LAM)

Efficiency Standards T20 California Title 20 Certified LED Tier 1 Lamp

ENERGY STAR

Can be used for IECC International Energy Conservation Code High Efficacy Compliance

RoHS Compliant

UL CERTIFIED SAFETY

Showerlight airtight

Features

Construction
Stamped aluminum housing and frame

Optics
- Precision engineered optic provides uniform luminance from a low profile convex lens

LED
- Backlit LED technology
- Color Temperature options include: standard 3000K dedicated or SeleCCTable configuration including 2700K, 3000K, 3500K, 4000K and 5000K options.
- 90 CRI is standard
- L70 at 50,000 hours projected in accordance with TM-21

Driver
- Integral 120V 60Hz constant current driver provides virtually noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers. See dimming guide.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect and E26 adapter (provided) provides mains connections.

Electrical Junction Box Mounting
- BLD may be used in compatible electrical junction boxes in directcontact with insulation including spray foam insulation
- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes.
- Dedicated CCT SKUs are compatible with compact (pancake) junction boxes
- Selectable CCT configuration, driver consumes 3 cubic inches of junction box, selectable CCT configuration is not compatible with pancake junction boxes
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded Recessed Housing Mounting Torsion Spring 5" & 6"
- Precision formed torsion spring bracket kit included
- The torsion springs adjust on the mounting plate to fit 5" or 6" compatible housings
- Not for use in recessed housings in direct contact with spray foam insulation refer to NEMA LSD 57-2013

Warranty
- Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

Compliance
- cULus certified for use with Halo housings and other's housings, see instruction sheet for conditions of acceptability.
- Wet and Damp Location listed, airtight per ASTM-E283 (protected ceiling only)
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire Compliance
- ENERGY STAR® Certified luminaire - consult ENERGY STAR® Certified Product List

BLD6 Energy Data

	3000K Dedicated	SeleCCTable 2700K-5000K
Lumens	700	812
Wattage	8.2W	10.3W
Input Current	0.07	0.088
Efficacy	85.4 LPW	78.8 LPW
THD	14.3%	11.8%
Frequency	60 Hz	60 Hz
T Ambient	-30 - +40°C	-30 - +40°C
Voltage	120V	120V
Sound Rating	Class A	Class A
Power Factor	0.99	0.99

Specifications, compliances and dimensions subject to change without notice

LED Surface Mount

BLD6 Series

BLD4 Series Ordering Information

Models	Lumens	Color Rendering Index (CRI)	Finish	Voltage
BLD6 = 6″ Backlit LED downlight	**06** = 600 lumen series	**930** = 90CRI, 3000K	**WH** = Matte white	**Blank** = 120V
	08 = 800 lumen series	**9S** = 90 CRI, SeleCCTable 2700K, 3000K, 3500K, 4000K & 5000K	**WH** = Matte white	**Blank** = 120V

Housing Compatibility

Models		Recessed Can Size	Catalog Number
HALO LED	Compatible Halo LED Housings with LED luminaire connector (high-efficacy compliant)	5″	H550ICAT, H550RICAT, E550ICAT, E550RICAT
		6″	H750ICAT, H750RICAT, H750T, H750RINTD010, H750TCP, H2750ICAT, H2750RICAT, E750ICAT, E750RICAT
HALO	Halo LED Retrofit Enclosures	6″	ML7BXRFK, ML7E26RFK
HALO	Compatible Halo Incandescent E26 Screwbase Housings	5″	H5ICAT, H5RICAT, H5ICATNB, H5T, H5RT, H25ICAT, H25ICATNB, E5TAT, E5RTAT, H5TNB, E5TATNB, E5ICAT, E5RICAT, E5ICATNB
		6″	H7ICAT, H7RICAT, H7ICT, H7RICT, H7ICATNB, H7ICTNB, H7T, H7RT, H7TNB, H7TCP, H7UICT, H7UICAT, H27ICAT, H27RICAT, H27T, H27RT, E7ICAT, E7RICAT, E27ICAT, E27RICAT, E7ICATNB, E7TAT, E7RTAT, E7TATNB, E27TAT, E27RTAT

Compatible with Eaton's Crouse-Hinds Junction Box (Order Separately)

TP316
For non-metallic (NM) cable 4" x 4" x 2-1/8"
[102mm x 102mm x 54mm]

TP317
For metal clad cable 4" x 4" x 2-1/8"
[102mm x 102mm x 54mm]

- **TP316** - for non-metallic (NM) cable
- **TP317** - for metal clad cable
- UL Listed
- Refer to www.crouse-hinds.com

Compatible with many other Junction Boxes*

4″ octagon light fixture/fan steel box
4″ x 4″ x 2-1/8″
(102mm x 102mm x 54mm)

4" octagon steel box
4" x 4" x 1-1/2"
(102mm x 102mm x 38mm)

4" round new work non-metallic box with hanger bar assembly
4" diameter x 2-3/16" (102mm x 56mm)

4″ round new work non-metallic light fixture/fan box
4″ diameter x 2-3/16″
(102mm x 56mm)

3-1/2" round new work non-metallic ceiling box
3-1/2" diameter x 2-3/4"
(89mm x 70mm)

3-1/2" round old work non-metallic box
4-1/4" O.D. flange, 3-1/2" I.D. x 2-5/8″
(108mm O.D., 89mm I.D. x 67mm)

4″ round surface mount box
4" diameter x 1-1/2″
(102mm x 38mm)

Round ceiling pan
4″ diameter x 13/16″
(102mm x 21mm)
Note: only compatible with fixed CCT BLD406930

4" square deep steel box
4" x 4" x 2-1/8"
(102mm x 102mm x 54mm)

4" square standard steel box
4" x 4" x 1-1/2"
(102mm x 102mm x 38mm)

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LED Surface Mount

CLD7 Series

CLD7

7" Low-Profile LED Downlight

The Halo CLD is a low profile, high performance surface mount luminaire that offers the added flexibility of 3 selectable color temperatures at time of installation. CLD7 (7") is designed for installation in many 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included.

3 seleCCTable™ colors

3000K • 4000K • 5000K

Features

Construction
Stamped aluminum housing and frame

Optics
- Precision engineered optic provides uniform luminance from a low profile convex lens
- Removable lens for easy install from below installation

LED
- Backlit LED technology
- Color Temperature options include: SeleCCTable configuration 3000K, 4000K or 5000K via switch
- 90 CRI is standard
- L70 at 50,000 hours projected in accordance with TM-21

Driver
- Integral 120V 60Hz constant current driver provides virtually noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers. See dimming guide.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)

Electrical Junction Box Mounting
- CLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- Install from below design
- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes.
- Compatible with compact (pancake) junction boxes

Note: Fire-rating is per the rating of the ceiling and applicable junction box, not the CLD.

- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded NEMA LSD 57-2013

Warranty
- Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

Compliance
- UL certified for US and Canada
- Wet and Damp Location listed, airtight per ASTM-E283 (protected ceiling only)
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of
- California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Code (IECC) and Washington State Energy Code high efficiency luminaire compliance
- ENERGY STAR® Certified luminaire - consult ENERGY STAR® Certified Product List

CLD Energy Data

	90 CRI
Lumens	800
Input Voltage	120V
Input Current	x (mA)
Input Power	11.2 (W)
Inrush (A)	x
THD	≤ 20%
PF	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	≤ 20dba

Specifications, compliances and dimensions subject to change without notice

CLD7 Series Ordering Information

Models	Lumens	Color Rendering Index (CRI)	Finish	Accessories
CLD7 = 7″ LED surface light	**08** = 800 lumen series	**9S** = 90 CRI, SeleCCTable 2700K, 3000K, 3500K, 4000K & 5000K	**WH** = Matte white	**R** = recyclable unit carton suitable for merchandising display

Compatible with Eaton's Crouse-Hinds Junction Box (Order Separately)

TP316
For non-metallic (NM) cable 4" x 4" x 2-1/8"
[102mm x 102mm x 54mm]

TP317
For metal clad cable 4" x 4" x 2-1/8"
[102mm x 102mm x 54mm]

- **TP316** - for non-metallic (NM) cable
- **TP317** - for metal clad cable
- UL Listed
- Refer to www.crouse-hinds.com

Compatible with many other Junction Boxes*

4″ octagon light fixture/fan steel box
4″ x 4″ x 2-1/8″
(102mm x 102mm x 54mm)

4" octagon steel box
4" x 4" x 1-1/2"
(102mm x 102mm x 38mm)

4" round new work non-metallic box with hanger bar assembly
4" diameter x 2-3/16" (102mm x 56mm)

4″ round new work non-metallic light fixture/fan box
4″ diameter x 2-3/16″
(102mm x 56mm)

3-1/2" round new work non-metallic ceiling box
3-1/2" diameter x 2-3/4"
(89mm x 70mm)

3-1/2" round old work non-metallic box
4-1/4" O.D. flange, 3-1/2" I.D. x 2-5/8″
(108mm O.D., 89mm I.D. x 67mm)

4″ round surface mount box
4" diameter x 1-1/2″
(102mm x 38mm)

Round ceiling pan
4″ diameter x 13/16″
(102mm x 21mm)
Note: only compatible with fixed CCT BLD406930

*This is a representative list of compatible junction boxes only. Information contained in this literature about other manufacturers' products is from published information made available by the manufacturer and is deemed to be reliable, but has not been verified. Eaton makes no specific recommendation on product selection and there are no warranties of performance or compatibility implied. Installer must determine that site conditions are suitable to allow proper installation of the mounting bracket in the box.

LED Surface Mount

SMD4 Series

SMD4

4" LED Round and Square Surface Mount

The Halo Surface Mount LED Downlight (SMD) is an low profile surface mounting luminaire with a modern look and high performance. SMD4 (4") is designed for installation in many 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included. The SMD4 may also retrofit in 4" aperture IC and Non-IC recessed housings. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

Features

Housing
- Non-electrically conductive polycarbonate frame.
- High impact diffuse polystyrene lens provides shielding to the light guide with no pixilation
- Stamped aluminum housing provides thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Gaskets
- Closed cell gasket achieves restrictive airflow and wet location requirements without additional caulking

Optics
- Precision acrylic light guide organizes source flux into wide distribution with 1.2 – 1.4 spacing criteria useful for general area illumination

LED
- Mid power led array provide a uniform source with high efficiency and long life.
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Driver
- Integral 120V 50/60Hz constant current driver provides noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect and E26 adapter (provided) provides mains connections.

Mounting/Retention
- Adjustable spider plate allows for quick installation into both junction boxes and recessed housings.
- Friction blades included

Electrical Junction Box Mounting
- The SMD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation.
- Suitable for installation in many 3-1/2" and 4" square, octagon, and round electrical junction boxes.
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded

Recessed Housing Mounting
- May be installed in IC recessed housings in direct contact with insulation
- Note: Not for use in recessed housing in direct contact with spray foam insulation. Refer to NEMA LSD 57-2013.
- May be installed in IC recessed housings in direct contact with insulation
- Note: Not for use in recessed housing in direct contact with spray foam insulation. Refer to NEMA LSD 57-2013

Friction Blade 4"
- Precision formed friction blades included
- For retrofit in 4" nominal housings
- Friction blade design allows the SMD to be installed in any position within the housing aperture (360 degrees)

Designer Skins (Sold Separately)
- SMD skins are accessory rings in both round and square. These skins attach to the SMD for a permanent finish. Refer to the SMD accessories specification sheet for details.
- Matte White (Paintable)
- Satin Nickel
- Tuscan Bronze

Warranty
- Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

Compliance
- cULus listed / certified for use with Halo housings, classified for use with other's housings, see instruction sheet for conditions of acceptability.
- Wet and Damp Location listed, airtight per ASTM-E283
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire compliance

Specifications, compliances and dimensions subject to change without notice

LED Surface Mount

SMD6 - 600 & 1200 Series

SMD6

6" LED Round and Square Surface Mount

The Halo Surface Mount LED Downlight (SMD) is a low profile surface mounting luminaire with a modern look and high performance. SMD6 (6") is designed for installation in many 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included. The SMD6 may also retrofit in 5" and 6" aperture IC and Non-IC recessed housings.

Features

Housing
- Non-electrically conductive polycarbonate frame.
- High impact diffuse polystyrene lens provides shielding to the light guide with no pixilation
- Stamped aluminum housing provides thermal cooling achieving L70 at 50,000 hours in IC and non-IC applications

Gaskets
- Closed cell gasket achieves restrictive airflow and wet location requirements without additional caulking

Optics
- Precision acrylic light guide organizes source flux into wide distribution with 1.2 – 1.4 spacing criteria useful for general area illumination

LED
- Mid power LED array provide a uniform source with high efficiency and long life.
- Available in 90 CRI minimum, R9 greater than 50 and color accuracy within 3 SDCM provide color accuracy and uniformity

Driver
- **SMD 120-277V**
- Integral 120V 50/60Hz constant current driver provides noise free operation.
- Continuous, flicker-free dimming from 100% to 5% with select leading or trailing edge 120V phase cut dimmers.
- Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect and E26 adapter (provided) provides mains connections.
- **SMD 120-277V**
- Integrated 120-277V 60Hz constant current driver provides noise free operation.
- SMD Universal Voltage (120-277V) configurations are recommended for use with compatible 0-10V DC low voltage dimmers only.

Mounting/Retention
- Adjustable spider plate allows for quick installation into both junction boxes and recessed housings.
- Torsion springs and friction blades included

Electrical Junction Box Mounting
- The SMD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation.
- Suitable for installation in many 3-1/2" and 4" square, octagon, and round electrical junction boxes.
- Note: SMD120-277V UNV is only compatible with junction boxes that provide minimum depth of 2-1/8".
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded

Recessed Housing Mounting
- May be installed in IC recessed housings in direct contact with insulation
- Note: Not for use in recessed housing in direct contact with spray foam insulation. Refer to NEMA LSD 57-2013.
- **Torsion Spring 5" & 6"**
- Precision formed torsion spring bracket kit included
- The torsion springs adjust on the mounting plate to fit 5" or 6" compatible housings
- **Friction Blade 5" & 6"**
- Precision formed friction blades included
- For retrofit in 5" and 6" housings without torsion springs mounting tabs.
- Friction blade design allows the SMD to be installed in any position within the housing aperture (360 degrees)

Designer Skins (Sold Separately)
- SMD skins are accessory rings in both round and square. These skins attach to the SMD for a permanent finish. Refer to the SMD accessories specification sheet for details.
- Matte White (Paintable)
- Satin Nickel
- Tuscan Bronze

Warranty
- Five year limited warranty, consult website for details. www.eaton.com/lighting/legal

Compliance
- cULus Certified for use with Halo housings and for use with other's housings, see instruction sheet for conditions of acceptability.
- Wet and Damp Location listed, airtight per ASTM-E283
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Code (IECC) and high efficiency luminaire compliance
- ENERGY STAR® listed, reference database for current listings

LED Surface Mount

SMD4 & SMD6 - 600 & 1200 Series

SMD 4" & 5/6" Series Ordering Information

Models	Lumens	CRI / CCT		Finish	Voltage
SMD4R = 4" Round Surface Mount Downlight, 120V **SMD4S =** 4" Square Surface Mount Downlight, 120V	**6** = 600 lumen series	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K	**940** = 90CRI, 4000K **950** = 90CRI, 5000K	**WH** = Matte white	
SMD6R = 6" Round Surface Mount Downlight **SMD6S =** 6" Square Surface Mount Downlight	**6** = 600 lumen series **12** = 1200 lumen series	**927** = 90CRI, 2700K **930** = 90CRI, 3000K **935** = 90CRI, 3500K	**940** = 90CRI, 4000K **950** = 90CRI, 5000K	**WH** = Matte white	**Blank** = 120V standard **E** = UNV Universal 120-277V*

Accessories (Order Separately)

Designer Trims

SMD4RTRMSN = 4" Round SMD Satin Nickel
SMD4RTRMTBZ = 4" Round SMD Tuscan Bronze
SMD4RTRMWH = 4" Round SMD White (paintable)
SMD4STRMSN = 4" Square SMD Satin Nickel
SMD4STRMTBZ = 4" Square SMD Tuscan Bronze
SMD4STRMWH = 4" Square SMD White (paintable)

SMD6RTRMSN = 6" Round SMD Satin Nickel
SMD6RTRMTBZ = 6" Round SMD Tuscan Bronze
SMD6RTRMWH = 6" Round SMD White (paintable)
SMD6STRMSN = 6" Square SMD Satin Nickel
SMD6STRMTBZ = 6" Square SMD Tuscan Bronze
SMD6STRMWH = 6" Square SMD White (paintable)

T24HWKIT = Title 24 Cable harness kit used to convert incandescent and low voltage housings to LED
HE26LED = E26 Screw base adapter for retrofit (included)

SMD-STRMWH
square, white (paintable)

SMD-STRMSN
square, satin nickel

SMD-STRMTBZ
square, tuscan bronze

SMD-RTRMWH
round, white (paintable)

SMD-RTRMSN
round, satin nickel

SMD-RTRMTBZ
round, tuscan bronze

T24HWKIT

HE26LED
E26 Screw base adapter for retrofit (included)

Energy Data

SMD4

	Round	Square
Lumens (5000K)	786	810
Input Power	9.7 W	10 W
Input Current	0.0811A	0.0829 A
Efficiency	81 lm/W	81 lm/W
THD	13.3	13.2
Input Voltage	120V	120V
Frequency	50/60 Hz	50/60 Hz
CRI	90 CRI	90 CRI
PF	0.99	0.99
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

SMD6R6 / SMD6S6

	Round	Square
Lumens (5000K)	788	815
Input Power	9.6 W	9.9 W
Input Current	0.0811A	0.085 A
Efficiency	82 lm/W	82 lm/W
THD	13.9	14.7
Input Voltage	120V	120V
Frequency	50/60 Hz	50/60 Hz
CRI	90 CRI	90 CRI
PF	0.99	0.99
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

SMD6R12 / SMD6S12

	Round	Square
Lumens (5000K)	1252	1235
Input Power	15.3 W	15.7 W
Input Current	0.133 A	0.132 A
Efficiency	82 lm/W	79 lm/W
THD	15.3	15.7
Input Voltage	120V	120V
Frequency	50/60 Hz	50/60 Hz
CRI	90 CRI	90 CRI
PF	0.98	0.98
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

SMD6R12-E / SMD6S12-E

	Round	Square
Lumens (5000K)	1200	1180
Input Power	15.3 W	16 W
Input Current	0.133 A - (120V) 0.061 A - (277V)	0.132 A - (120V) 0.061 A - (277V)
Efficiency	81 lm/W	81 lm/W
THD	13.3	13.2
Input Voltage	120 - 277V	120 - 277V
Frequency	60 Hz	60 Hz
CRI	92 CRI	92 CRI
PF	0.99	0.99
T Ambient	-30 - +40°C	-30 - +40°C
Sound Rating	Class A	Class A

Specifications, compliances and dimensions subject to change without notice

LED Surface Mount

SMD4 & SMD6 - 600 & 1200 Series

Housing Compatibility

Models		Recessed Can Size	Catalog Number
HALO LED	Compatible Halo LED Housings with LED luminaire connector (high-efficacy compliant)	4”	H995ICAT, H995RICAT, H245ICAT, H245RICAT
		5”	H550ICAT, H550RICAT, E550ICAT, E550RICAT
		6”	H750ICAT, H750RICAT, H750T, H750RINTD010, H750TCP, H2750ICAT, H2750RICAT, E750ICAT, E750RICAT
HALO	Halo LED Retrofit Enclosures	6”	ML7BXRFK, ML7E26RFK
HALO	Compatible Halo Incandescent E26 Screwbase Housings	4”	H99ICAT, H99TAT, H99RTAT, E4ICATSB, E4TATSB, E4RTATSB
		5”	H5ICAT, H5RICAT, H5ICATNB, H5T, H5RT, H25ICAT, H25ICATNB, E5TAT, E5RTAT, H5TNB, E5TATNB, E5ICAT, E5RICAT, E5ICATNB
		6”	H7ICAT, H7RICAT, H7ICT, H7RICT, H7ICATNB, H7ICTNB, H7T, H7RT, H7TNB, H7TCP, H7UICT, H7UICAT, H27ICAT, H27RICAT, H27T, H27RT, E7ICAT, E7RICAT, E27ICAT, E27RICAT, E7ICATNB, E7TAT, E7RTAT, E7TATNB, E27TAT, E27RTAT

Compatible with Eaton’s Crouse-Hinds Junction Box (Order Separately)

TP316
For non-metallic (NM) cable 4" x 4" x 2-1/8"
[102mm x 102mm x 54mm]

TP317
For metal clad cable 4" x 4" x 2-1/8"
[102mm x 102mm x 54mm]

- **TP316** - for non-metallic (NM) cable
- **TP317** - for metal clad cable
- UL Listed
- Refer to www.crouse-hinds.com

Compatible with many other Junction Boxes*

4” octagon light fixture/fan steel box
4” x 4” x 2-1/8”
(102mm x 102mm x 54mm)

4" octagon steel box
4" x 4" x 1-1/2"
(102mm x 102mm x 38mm)

4" round new work non-metallic box with hanger bar assembly
4" diameter x 2-3/16" (102mm x 56mm)

4” round new work non-metallic light fixture/fan box
4” diameter x 2-3/16”
(102mm x 56mm)

3-1/2" round new work non-metallic ceiling box
3-1/2" diameter x 2-3/4"
(89mm x 70mm)

3-1/2" round old work non-metallic box
4-1/4" O.D. flange, 3-1/2" I.D. x 2-5/8”
(108mm O.D., 89mm I.D. x 67mm)

4” round surface mount box
4" diameter x 1-1/2”
(102mm x 38mm)

4" square deep steel box
4" x 4" x 2-1/8"
(102mm x 102mm x 54mm)

4" square standard steel box
4" x 4" x 1-1/2"
(102mm x 102mm x 38mm)

*This is a representative list of compatible junction boxes only. Information contained in this literature about other manufacturers’ products is from published information made available by the manufacturer and is deemed to be reliable, but has not been verified. Eaton makes no specific recommendation on product selection and there are no warranties of performance or compatibility implied. Installer must determine that site conditions are suitable to allow proper installation of the mounting bracket in the box.

LED Surface Mount

SLD4 Series

SLD4

4" LED Retrofit Module, SLD4 Model

The Halo Surface LED Downlight (SLD) incorporates WaveStream™ technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. SLD4 is designed for installation in many 3-1/2" and 4" round or octagon junction boxes. May also retrofit in 4" aperture IC and Non-IC recessed housings*. Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements.

90 CRI

Features

Mechanical

Die cast aluminum trim ring, and die formed aluminum frame

Optics

- WaveStream™ technology provides uniform luminance from a low profile flat lens
- AccuAim™ optics provide directional control for the “cone-of-light” beam distribution of a traditional downlight
- Precision molded lens features high transmission polymer with UV stabilized protecting film

Designer Trims (Sold Separately)

SLD designer trims are accessories

- White (paintable)
- Satin nickel
- Tuscan bronze

Electrical Junction Box Mounting**

- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes in direct contact with insulation including spray foam insulation

Note: Driver consumes 3 cubic inches of junction box

- Surface mounting in a fire-rated ceiling using an appropriate electrical box offers a cost-effective alternative to fire-rated recessed housings

Note: Fire-rating is per the rating of the ceiling and applicable junction box, not the SLD

- Proprietary Slot-N-Lock quick installation system for junction box installation
- T-bracket with Slot-N-Lock mounting tabs included

Recessed Housing Mounting

Friction Blade

- Pre-installed friction blades included

LED

- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K
- Color Rendering Index (CRI) options: 90
- Lumen maintenance L70 at 50,000 hours
- 700 nominal lumens, range dependent on CCT and CRI

Electrical Connections

Junction Box**

- Compatible with 3-1/2" x 2" and 4" x 1-1/2" round and octagon boxes (2-1/8" deep boxes recommended)
- Supply wire adapter with LED quick connector included

Recessed Housings

- LED connector is non-screw base luminaire disconnect for tool-less installation in Halo 4" H995 series LED housings
- LED connector meets California Title 24 high efficacy luminaire standard as a non-screw base
- E26 Edison screw base adapter included

LED Driver

- Driver is a 120V dimmable electronic power supply providing DC power to the LED arrays
- Driver features high power factor, low THD, and has integral thermal protection

Dimming

Designed for continuous dimming to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

Compliance

- cULus Listed ceiling and wall
- cULus Listed damp location, ceiling and wall
- cULus Listed wet location, covered ceiling only (shower rated)
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- UL Classified when used in retrofit with listed housings (See housing compatibility)
- EMI/RFI: meets FCC 47CFR Part 15 Class B limits, and is suitable for use in residential and commercial
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- Air-Tite certified per ASTM E283 not exceeding 2.0 CFM under 1.57psf (75 Pascals) pressure difference
- ENERGY STAR® certified downlight surface retrofit
- Contains no mercury or lead and RoHS compliant
- EMI/RFI per FCC 47CFR Part 15 Class B consumer limits, suitable for use in residential and commercial
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

*Note: Not for use in recessed housings in direct contact with spray foam insulation refer to NEMA LSD 57-2013

** Models with “JB” suffix include hardware kit for junction box mounting only

SLD4 Energy Data

	90 CRI
Lumens (4000K models)	710
Input Voltage	120V
Frequency	50/60 Hz
Input Current	0.10 A
Input Power	12 W
Efficiency (4000K models)	59 lm/W
THD	≤ 20%
Power Factor	≥ 0.90
T Ambient	-30 - +40°C
Sound Rating	Class A

Specifications, compliances and dimensions subject to change without notice

LED Surface Mount

SLD4 Series

SLD4 Series Ordering Information

Models		Color Rendering Index (CRI)	Color Temperature (CCT)		Finish	JB (Optional)
Standard	**SLD405** = 4" Surface LED downlight, 120V (Includes hardware kits for junction box and recessed housing mounting)	**9** = 90 CRI	**27** = 2700K **30** = 3000K	**35** = 3500K **40** = 4000K	**WH** = Matte white	
"JB" Models	**SLD405** = 4" Surface LED downlight, 120V (Includes hardware kit for junction box mounting ONLY)	**9** = 90 CRI	**27** = 2700K **30** = 3000K	**35** = 3500K **40** = 4000K	**WH** = Matte white	**JB** = **ONLY** junction box hardware kit

Accessories (Order Separately)

Designer Trims

Fit over the SLD for a designer finish
SLD4TRMWH = 4" SLD white (paintable)
SLD4TRMSN = 4" SLD satin nickel
SLD4TRMTBZ = 4" SLD tuscan bronze
*SLD accessory trims attach with permanent adhesion and are not interchangeable after installation

Replacement Parts Kit

SLD4ACCKIT
SLD4 Retrofit Kit - SLD4 screw base adapter, friction blades, ground wire, mounting screws, wire nuts

SLD4BRKT
SLD4 junction box mounting bracket and screws

Compatible Junction Boxes

Octagon - Steel
4" x 4" x 2-1/8"
4" x 4" x 1-1/2"

Round - Plastic
4" diameter x 2-3/16"

Junction Box Spacer Extension Ring

Adds 15/16" depth when the SLD driver cannot fit into a junction box.

SLD4EXT = 4" Surface LED j-box extender, 7.75" O.D.

Dimensions
A: 7-3/4" [197mm]
B: 7/8" [24mm]
C: 3-7/8" [99mm]
D: 6.25" [159mm]

Standard J-box* **Shallow J-box (pancake)*** **Standard J-box with plaster ring***

Fire Rated Install*

*For illustration only – not for construction

Surface Box Adapter

The surface box adapter fits the SLD into a 4-inch round or octagon junction box that is mounted flat on a ceiling or beam surface (not recessed in the ceiling)

Dimensions
A: 4-1/2" [114mm]
B: 3-1/4" [84mm]
C: 1/2" [13mm]
D: 6-1/8" [156mm]

SLD4RAD
4" SLD round surface j-box adapter.
For 4" round and octagon junction boxes.

Compatible with Eaton's Crouse-Hinds Junction Box (Order Separately)

TP316
For non-metallic (NM) cable 4" x 4" x 2-1/8"
[102mm x 102mm x 54mm]

TP317
For metal clad cable 4" x 4" x 2-1/8"
[102mm x 102mm x 54mm]

- **TP316** - for non-metallic (NM) cable
- **TP317** - for metal clad cable
- UL Listed
- Refer to www.crouse-hinds.com

LED Surface Mount

SLD6 - 600 & 1200 Series

SLD606 - 600 Series, 120V
SLD612 - 1200 Series, 120V

5"/6" Surface LED Retrofit Module – 6 Inch Application

The Halo Surface LED Downlight (SLD) incorporates WaveStream™ technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. SLD6 is designed for installation in many 3-1/2" and 4" square, octagon or round junction boxes. And may also retrofit in 5" and 6" IC and Non-IC recessed housings.* Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

Features

Mechanical
Die cast aluminum trim ring, and die formed aluminum frame

Optics
- WaveStream™ technology provides uniform luminance from a low profile flat lens
- AccuAim™ optics provide directional control for the “cone-of-light” beam distribution of a traditional downlight
- Precision molded lens features high transmission polymer with UV stabilized protecting film

Electrical Junction Box Mounting
- SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- Suitable for installation in many 3-1/2" and 4" square, octagon, and round electrical junction boxes

Note: Driver consumes 3 cubic inches of junction box
- Surface mounting in a fire-rated ceiling using an appropriate electrical box offers a cost-effective alternative to fire-rated recessed housings

Note: Fire-rating is per the rating of the ceiling and applicable junction box, not the SLD
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building codes.
- Proprietary Slot-N-Lock quick installation system for junction box installation
- T-bracket with Slot-N-Lock mounting tabs included

Recessed Housing Mounting
- May be installed in IC recessed housings in direct contact with insulation

***Note:** Not for use in recessed housings in direct contact with spray foam insulation (Refer to NEMA LSD 57-2013)

Torsion Spring 5" & 6" Kit (Included)
- The torsion springs adjust on the frame to fit 5" or 6" compatible housings

Friction Blade 5" & 6" Kit (Included)
- For retrofit in 5" and 6" housings without torsion spring mounting tabs
- Friction blade design allows the SLD to be installed in any position within the housing aperture (360 degrees)

LED
- Linear LED arrays are integrated in trim perimeter
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K
- Color Rendering Index (CRI): 90
- Lumens – see Energy Data
- Lumen maintenance L70 at 50,000 hours

Electrical Connections
Junction Box
- Compatible with 3-1/2" x 2" and 4" x 1-1/2" deep round, square and octagon boxes (2-1/8" deep boxes recommended)
- Supply wire adapter with LED quick connector included
- JB models for use in junction boxes. May be used in recessed housings with accessory SLD6ACCKIT.

Recessed Housings
- LED connector is a non-screw base luminaire disconnect compatible with Halo 5" H550 series and 6" H750/H2750 series LED housings
- LED connector meets California Title 24 high efficacy luminaire standard as a non-screw base
- E26 Edison screw base included

LED Driver
- Driver is a 120V input, high efficiency, dimmable electronic power supply providing DC power to the LED arrays
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming
Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimming to 5% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note, some dimmers require a neutral in the wallbox)

Compliance
- cULus Listed ceiling and wall
- cULus Listed damp location, ceiling and wall
- cULus Listed wet location, covered ceiling only (shower rated)
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- May be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- May be installed in IC recessed housings in direct contact with insulation. Not for use in recessed housings in direct contact with spray foam insulation. (Refer to NEMA LSD 57-2013)
- UL Classified when used in retrofit with listed housings (See housing compatibility)
- EMI/RFI: meets FCC 47CFR Part 15 Class B limits, and is suitable for use in residential and commercial
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- 80 CRI can be used to comply with California Title 24 non-residential lighting controls requirements as a LED luminaire
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- ENERGY STAR® certified downlight surface retrofit
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

Specifications, compliances and dimensions subject to change without notice

LED Surface Mount

SLD6 - Universal Voltage Series

SLD612 - 1200 Series UNV, 120V-277V

5"/6" Surface LED Retrofit Module

The Halo Surface LED Downlight (SLD) incorporates WaveStream™ technology to create an ultra-low profile surface mounting luminaire with the performance and look of a traditional downlight. SLD6-1200 UNV series is designed for installation in many 4" x 2-1/8" deep square junction boxes. Accessory mounting kit allows retrofit in 5" and 6" IC and Non-IC recessed housings.* Suitable for residential or commercial installations. Ideal for closets, storage areas, attics and basements. Compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

Features

Mechanical

Die cast aluminum trim ring, and die formed aluminum frame

Optics

- WaveStream™ technology provides uniform luminance from a low profile flat lens
- AccuAim™ optics provide directional control for the “cone-of-light” beam distribution of a traditional downlight
- Precision molded lens features high transmission polymer with UV stabilized protecting film

Electrical Junction Box Mounting

- SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- Suitable for installation in many 4" x 2-1/8" deep square electrical junction boxes
- Compatible with other junction boxes with accessory SLD6EXT extension spacer ring

Note: Driver consumes 3 cubic inches of junction box

- Surface mounting in a fire-rated ceiling using an appropriate electrical box offers a cost-effective alternative to fire-rated recessed housings

Note: Fire-rating is per the rating of the ceiling and applicable junction box, not the SLD

- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building codes.
- Proprietary Slot-N-Lock quick installation system for junction box installation
- T-bracket with Slot-N-Lock mounting tabs included

Recessed Housing Mounting

- Accessory SLD6ACCKIT required for mounting in 5" and 6" enclosed recessed housings
- May be installed in IC recessed housings in direct contact with insulation

Note: Not for use in recessed housings in direct contact with spray foam insulation (Refer to NEMA LSD 57-2013)

- The SLD6 may be used with any 5 or 6 inch diameter recessed housing constructed of steel or aluminum with an internal volume that exceeds 107.9 in³

LED

- Linear LED arrays are integrated in trim perimeter
- Correlated Color Temperature (CCT): 2700K, 3000K, 3500K, 4000K
- Color Rendering Index (CRI): 90
- Lumens – see Energy Data
- Lumen maintenance L70 at 50,000 hours

Electrical Connections

Junction Box

- Compatible with 4" x 2-1/8" deep square boxes
- Supply wire adapter with LED quick connector included
- LED connector is a non-screw base luminaire disconnect

Recessed Housings

- Accessory SLD6ACCKIT required
- LED connector is compatible with Halo 5" H550 series and 6" H750, H2750 series LED housings
- LED Connector meets California Title 24 high efficacy luminaire standard as a non-screw base

LED Driver

- Driver is a 120V-277V universal voltage input, high efficiency, dimmable electronic power supply providing DC power to the LED arrays
- Driver features high power factor, low THD, and has integral thermal protection in the event of over temperature or internal failure
- Driver is replaceable if it should be required
- If dimming is not required the fixture can be operated from a standard wall switch

Dimming - Phase Control

- Designed for continuous dimming capability to nominally 5% with many 120V Leading Edge (LE) and Trailing Edge (TE) phase control dimmers. Dimmers with low end trim adjustment offer greater assurance of achieving 5% level.
- Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox)

Dimming - 0-10V

- Dimmable to 10% in typical operation with compatible 0-10V DC low voltage dimmers
- 0-10V DC dimmers operate using two low voltage dimming wires (color coded violet and gray). The low voltage dimming wires are separate from the 120V AC or 277V AC power.
- Switching on/off is via the line voltage (120V AC or 277V AC) power, and dimming is controlled via the 2-wire 0-10V DC wiring

Compliance

- cULus Listed ceiling and wall
- cULus Listed damp location, ceiling and wall
- cULus Listed wet location, covered ceiling only (shower rated)
- Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5)
- SLD may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- May be installed in IC recessed housings in direct contact with insulation. Not for use in recessed housings in direct contact with spray foam insulation. (Refer to NEMA LSD 57-2013)
- EMI/RFI: meets FCC 47CFR Part 15 Class B limits, and is suitable for use in residential and commercial installations
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- 90 CRI (R9 > 50) can be used to comply with California Title 24 high efficacy requirements. Title 20 Certified for residential compliance.
- 80 CRI can be used to comply with California Title 24 non-residential lighting controls requirements as a LED luminaire
- Can be used for International Energy Conservation Code (IECC) high efficacy luminaire compliance
- ENERGY STAR® certified downlight surface retrofit
- Contains no mercury or lead and RoHS compliant
- Photometric testing in accordance with IES LM-79
- Lumen maintenance projections in accordance with IES LM-80 and TM-21

LED Surface Mount

SLD6 - Universal Voltage Series

SLD6 600 & 1200 Series Ordering Information

Models		Color Rendering Index (CRI)	Color Temperature (CCT)		Finish	Voltage	JB Only
Standard (Includes hardware kits for junction box and recessed housing mounting)	**SLD606** = 6" Surface LED downlight, 120V, 600 series **SLD612** = 6" Surface LED downlight, 120V, 1200 series	**9** = 90 CRI	**27** = 2700K **30** = 3000K	**35** = 3500K **40** = 4000K	**WH** = White	120V	
"JB" Models (Includes hardware kit for junction box mounting ONLY)	**SLD606** = 6" Surface LED downlight, 120V, 600 series **SLD612** = 6" Surface LED downlight, 120V, 1200 series	**9** = 90 CRI	**27** = 2700K **30** = 3000K	**35** = 3500K **40** = 4000K	**WH** = White	120V	**JB** = **ONLY** junction jox hardware kit
"UNV" Models (120V-277V)	**SLD612** = 6" Surface LED downlight, 120V-277V 1200 series	**9** = 90 CRI	**27** = 2700K **30** = 3000K	**35** = 3500K **40** = 4000K	**WH** = White	**UNV** = Universal voltage 120V-277V (1200 series only)	**JB** = **ONLY** junction box hardware kit

Accessories (Order Separately)

Designer Trims

Fit over the SLD for a designer finish
SLD6TRMWH = 6" SLD white (paintable)
SLD6TRMSN = 6" SLD satin nickel
SLD6TRMTBZ = 6" SLD tuscan bronze
*SLD accessory trims attach with permanent adhesion and are not interchangeable after installation

Replacement Parts Kit

SLD6ACCKIT
SLD6 Retrofit Kit - SLD6 screw base adapter, friction blades, torsion springs, ground wire, mounting screws, wire nuts

SLD6BRKT
SLD6 junction box mounting bracket and screws

Compatible Junction Boxes

Octagon - Steel
4" x 4" x 2-1/8"
4" x 4" x 1-1/2"

Round - Plastic
4" diameter x 2-3/16"

Square - Steel**
4" x 4" x 2-1/8"
4" x 4" x 1-1/2"

**Universal Voltage (UNV) SLD6-1200 for use in 4" square junction boxes only

Junction Box Space Extension Ring

Adds 15/16" depth when the SLD driver cannot fit into a junction box

SLD6EXT = 6" Surface LED j-box extender, 9.5" OD

Dimensions
A: 9-1/2" [241mm]
B: 7/8" [23.5mm]
C: 3-7/8" [99mm]
D: 8" [203mm]

Standard j-box*

Shallow j-box (pancake)*

Standard j-box with plaster ring*

Fire Rated Install*

*For illustration ONLY – not for construction

Surface Box Adapter

Fits the SLD into a 4-inch round or octagon junction box mounted flat on a ceiling or beam surface (not recessed in the ceiling).
For 4-inch square junction boxes use SLD6RAD with the SLD6SADPLT square adapter plate.

Dimensions
A: 4-1/2" [114mm]
B: 3-3/4" [95mm]
C: 1/2" [13mm]
D: 7-7/8" [201mm]

SLD6SADPLT
6" SLD square surface j-box adapter plate (use with SLD6RAD)

SLD6RAD
6" SLD round surface j-box adapter (use SLD6SADPLT for square j-box)

SLD6 Energy Data

600 Series	90 CRI
Nominal Lumens (4000K)	780
Input Voltage	120V
Frequency	50/60 Hz
Input Current	0.11 A
Input Power	13.2 W
Efficiency (4000K models)	59 lm/W
THD	≤ 20%
Power Factor	≥ 0.90
T Ambient	-30 – +40°C
Sound Rating	Class A

1200 Series	90 CRI
Nominal Lumens (4000K)	1000
Input Voltage	120V
Frequency	50/60 Hz
Input Current	0.12 A
Input Power	14.8 W
Efficiency (4000K models)	68 lm/W
THD	≤ 20%
Power Factor	≥ 0.90
T Ambient	-30 – +40°C
Sound Rating	Class A

1200 Series Universal Voltage	90 CRI
Nominal Lumens (4000K)	1000
Input Voltage	120V-277V
Frequency	50/60 Hz
Input Current	0.12 A
Input Power	14.8 W
Efficiency (4000K models)	68 lm/W
THD	≤ 20%
Power Factor	≥ 0.90
T Ambient	-30 – +40°C
Sound Rating	Class A

Specifications, compliances and dimensions subject to change without notice

LED Surface Mount

HLC4 Series

HLC4

4" Low-Profile LED Surface Mount

The Halo HLC4 is a low profile, surface mount luminaire that offers easy below the ceiling installation to save time and money. The HLC4 (4") is designed for installation in most 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included.

Features

Construction
Stamped aluminum housing and frame

Optics
- Precision engineered optic provides uniform luminance from a low profile convex lens
- Removable lens for easy install from below installation

LED
- Backlit LED technology
- Color Temperature options include: 3000K, or 4000K
- 90 CRI is standard
- L70 at 50,000 hours projected in accordance with TM-21

Driver
- Integral 120V 60Hz constant current driver provides virtually noise free operation.
- Continuous, flicker-free dimming from 100% to 10% with select leading or trailing edge 120V phase cut dimmers. See dimming guide.
- Dimming to 10% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect (provided) provides mains connections

Electrical Junction Box Mounting
- HLC may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- Install from below design
- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes.
- Compatible with compact (pancake) junction boxes
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded NEMA LSD 57-2013

Compliance
- UL certified for US and Canada
- Damp Location listed
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire Compliance
- ENERGY STAR® Certified luminaire - consult ENERGY STAR® Certified Product List

HLC4 Energy Data

	90 CRI
Lumens	700
Input Voltage	120V
Input Current	0.106 A
Input Power	12.6 W
Efficiency	60 (LPW)
THD	≤ 20%
Power Factor	≥ 0.90
T Ambient	-40 - +40°C
Sound Rating	≤ 20 dba

HLC4 Series Ordering Information

Models	Lumens	Color Rendering Index (CRI)	Voltage	Finish	Packaging
HLC4 = 4" LED surface light	**07** = 700 lumen series	**930** = 90 CRI minimum, 3000K CCT **940** = 90 CRI minimum, 4000K CCT	**1E** = 120V 60Hz, LE & TE phase cut dimming	**WH** = Matte white baffle	**-6BP** = 6 bulk pack (not for individual resale **-12BP** = 12 bulk pack (not for individual resale

LED Surface Mount

HLC6 Series

HLC6

6" Low-Profile LED Surface Mount

The Halo HLC6 is a low profile, surface mount luminaire that offers easy below the ceiling installation to save time and money. The HLC6 (6") is designed for installation in most 3-1/2" and 4" square, octagon, or round junction boxes. Supply wire adapter with LED quick wiring connector included.

Features

Construction
Stamped aluminum housing and frame

Optics
- Precision engineered optic provides uniform luminance from a low profile convex lens
- Removable lens for easy install from below installation

LED
- Backlit LED technology
- Color Temperature options include: 3000K, or 4000K
- 90 CRI is standard
- L70 at 50,000 hours projected in accordance with TM-21

Driver
- Integral 120V 60Hz constant current driver provides virtually noise free operation.
- Continuous, flicker-free dimming from 100% to 10% with select leading or trailing edge 120V phase cut dimmers. See dimming guide.
- Dimming to 10% is best assured using dimmers with low end trim adjustment. Consult dimmer manufacturer for compatibility and conditions of use. (Note some dimmers require a neutral in the wallbox.)
- Inline electrical quick connect (provided) provides mains connections

Electrical Junction Box Mounting
- HLC may be used in compatible electrical junction boxes in direct contact with insulation including spray foam insulation
- Install from below design
- Suitable for installation in many 3-1/2" and 4" octagon and round electrical junction boxes.
- Compatible with compact (pancake) junction boxes
- Installer must ensure compatibility of fit, wiring and proper mounting in the electrical junction box. This includes all applicable national and local electrical and building coded NEMA LSD 57-2013

Compliance
- UL certified for US and Canada
- Damp Location listed
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements.
- EMI/RFI emissions per FCC 47CFR Part 15B
- Contains no mercury or lead and RoHS compliant.
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11.
- Can be used for State of California Title 24 high efficacy luminaire compliance, reference the California Energy Commission Title 20 Appliance Efficiency Database for current listings.
- Can be used for International Energy Conservation Coe (IECC) and Washington State Energy Code high efficiency luminaire Compliance
- ENERGY STAR® Certified luminaire - consult ENERGY STAR® Certified Product List

HLC6 Energy Data

	90 CRI
Lumens	900
Input Voltage	120V
Input Current	0.133 A
Input Power	15.7 W
Efficiency	58.8 (LPW)
THD	≤ 20%
Power Factor	≥ 0.90
T Ambient	-40 - +40°C
Sound Rating	≤ 20 dba

HLC6 Series Ordering Information

Models	Lumens	Color Rendering Index (CRI)	Voltage	Finish	Packaging
HLC6 = 6" LED surface light	**09** = 900 lumen series	**930** = 90 CRI minimum, 3000K CCT **940** = 90 CRI minimum, 4000K CCT	**1E** = 120V 60Hz, LE & TE phase cut dimming	**WH** = Matte white baffle	**-6BP** = 6 bulk pack (not for individual resale **-12BP** = 12 bulk pack (not for individual resale

Specifications, compliances and dimensions subject to change without notice

3 INCH

H3 Series

IC Housings 144
IC Trims 148
Non-IC Housings 152
Non-IC Trims 159

IC = Insulated Ceiling **Non-IC = Non-Insulated Ceiling**

H3 Series – GU10 IC Housing

H36ICAT

H36ICAT

3" IC, Air-Tite, Shallow New Construction, 120V

H36ICAT is a shallow IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 120V GU10 lamps. H36ICAT is IC rated and may be used in insulated ceilings and may be covered with insulation*.

Special Features

- Air-Tite™ code compliant
- Got Nail™ bar hangers
- Slide-N-Side™ junction box
- Pass-N-Thru™ bars
- Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing
Double wall aluminum construction, shallow height

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:
- Air-Tite™ code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Socket
GU10 socket for 120V GU10 lamps

Accessory
Z28 Lamp: 120V, GU10, reflector lamp

Compliances
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

H3 Series – GU10 IC Housing

H38ICAT

H38ICAT

3" IC, Air-Tite, New Construction, 120V

H38ICAT is an IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 120V GU10 lamps. H38ICAT is IC rated and may be used in insulated ceilings and may be covered with insulation*.

Special Features

- Air-Tite™ code compliant
- Got Nail™ bar hangers
- Slide-N-Side™ junction box
- Pass-N-Thru™ bars
- Quick Connect™ push wire nuts

Compatible Trims

3001	3005	3009	3013	3018
3002	3006	3010	3014	3019
3003	3007	3011	3016	3020
3004	3008	3012	3017	

Features

Housing
Double wall aluminum construction

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:

- Air-Tite™ code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Socket
GU10 socket for 120V GU10 lamps

Accessory
Z28 Lamp: 120V, GU10, reflector lamp

Compliances

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H3 Series – Low Voltage MR16 IC Housing

H36LVICAT

H36LVICAT

3" IC, Air-Tite, Shallow New Construction, 120V – 12V Low Voltage, MR16

H36LVICAT is a shallow IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 12V MR16 lamps. H36LVICAT is IC rated and may be used in insulated ceilings and may be covered with insulation*.

Special Features

- Air-Tite™ code compliant
- Got Nail™ bar hangers
- Slide-N-Side™ junction box
- Pass-N-Thru™ bars
- Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing
IC and Air-Tite™ rated double wall aluminum construction shallow height

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:
- Air-Tite™ code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Transformer
Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for MR16 lamps, 50W max.

Socket
GU 5.3 socket for 12V MR16 lamps

Compliances
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

H38LVICAT

3" IC, Air-Tite, New Construction, 120V – 12V Low Voltage, MR16

H38LVICAT is an IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 12V MR16 lamps. H38LVICAT is IC rated and may be used in insulated ceilings and may be covered with insulation*.

Special Features

- Air-Tite™ code compliant
- Got Nai™ bar hangers
- Slide-N-Side™ junction box
- Pass-N-Thru™ bars
- Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing
IC and Air-Tite™ rated double wall aluminum construction shallow height

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:
- Air-Tite™ code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Transformer
Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for MR16 lamps, 50W max.

Socket
GU 5.3 socket for 12V MR16 lamps

Compliances
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H3 Series Trims

IC Housings: H36ICAT • H38ICAT • H36LVICAT • H38LVICAT

Reflectors

3004 Adjustable Reflector

- Die cast trim ring with reflector
- For general illumination
- 35° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT H38LVICAT

3004WHW
White Reflector, White Trim

3004WHC
Clear Reflector, White Trim

3004WHH
Haze Reflector, White Trim

3004SN
Satin Nickel Reflector,
Satin Nickel Trim

3004TBZ
Tuscan Bronze Reflector,
Tuscan Bronze Trim

Dimensions**
A: 2" [51mm]
RD: 3" [75mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

Baffles

3003 Adjustable Coilex® Baffle

- Die cast trim ring with machined metal Coilex baffle
- For general illumination
- 35° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT H38LVICAT

3003WHWB
White Coilex Baffle, White Trim

3003WHBB
Black Coilex Baffle, White Trim

3003BKBB
Black Coilex Baffle, Black Trim

3003SNB
Satin Nickel Coilex Baffle,
Satin Nickel Trim

3003TBZB
Tuscan Bronze Coilex Baffle,
Tuscan Bronze Trim

Dimensions**
A: 2" [51mm]
BD: 3" [75mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [180mm]

3011 Square Adjustable Baffle

- Die cast trim ring with metal baffle
- For general illumination
- 15° tilt, 350° integral lamp holder rotation with locking thumbscrew

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3011WHWB
White Baffle, White Trim

3011WHBB
Black Baffle, White Trim

3011BKBB
Black Baffle, Black Trim

3011SNBB
Black Baffle, Satin Nickel Trim

3011TBZBB
Black Baffle, Tuscan Bronze Trim

Dimensions**
A: 1-7/8" [48mm]
BD: 2-1/4" [57mm]
CO (Round): 3-3/4" [95mm]
OD: 4-1/4" [108mm]

****Key: A:** Luminous Aperture, **RD/BD:** Reflector/Baffle Diameter, **CO:** Ceiling Opening, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

Adjustable – Eyeballs & Gimbals

3009 Adjustable Gimbal - 35° Tilt

- Die cast trim ring with die cast gimbal
- For directional accent lighting
- 35° tilt, 15° negative tilt, 360° gimbal orientation and trim within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT H38LVICAT

3009WHWB
White Baffle, White Gimbal

3009WHBB
Black Baffle, White Gimbal

3009BKBB
Black Baffle, Black Gimbal

3009SNBB
Black Baffle, Satin Nickel Gimbal

3009TBZBB
Black Baffle, Tuscan Bronze Gimbal

Dimensions**
A: 1-3/4" [45mm]
BD: 2" [51mm]
G: 2-3/4" [70mm]
CO: 3-3/4" [95mm]
OD: 4-1/4"[108mm]

3010 Super Adjustable - 0-75° Adjustment

- Die cast trim ring and adjustable lamp sleeve
- For directional accent lighting
- Integral nylon ball bearings and silicone guides protect finish
- 0-75° tilt, 360° orientation within housing
- Front-loading, turn-lock lamp access

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3010WH
White Baffle, White Trim

3010SN
Satin Nickel Baffle,
Satin Nickel Trim

Dimensions**
A: 1-3/4" [45mm]
Adj. Dia.: 2-3/8" [60mm]
BD: 2-1/2" [64mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

Pull Down / Adjustment

3013 Square Adjustable Gimbal

- Die cast trim ring with die cast gimbal
- For accent and task lighting
- 35° positive tilt, 15° negative tilt, 360° orientation within housing
- Front-loading, snap-in lamp access face plate

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3013WH
White

3013SN
Satin Nickel

3013TBZ
Tuscan Bronze

3013BK
Black

Dimensions**
A: 1-3/4" [45mm]
G: 2-1/4" [57mm]
CO (Round): 3-3/4" [95mm]
OD (Square): 4-1/4" [108mm

Key: **A: Luminous Aperture, **RD/BD:** Reflector/Baffle Diameter, **CO:** Ceiling Opening, **OD:** Trim Outside Diameter, **G:** Gimbal Outside Diameter

H3 Series Trims

IC Housings: H36ICAT • H38ICAT • H36LVICAT • H38LVICAT

Lenses & Wet Location Showerlights

3007 Regressed Lens Adjustable Reflector

Showerlight

- Die cast trim ring: TBZ models
- Non-conductive & non-corrosive polymer trim ring: WHC, PCC, SN models
- Regressed clear lens
- For general illumination
- Wet location listed for showers
- 15° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3007WHC
Specular Clear Reflector, White Trim

3007PCC
Specular Clear Reflector, Polished Chrome Trim

3007SN
Satin Nickel Reflector, Satin Nickel Trim

3007TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
A: 2" [51mm]
RD: 3" [75mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

3008 Frosted Glass Perimeter Lens

Showerlight

- Non-conductive & non-corrosive polymer trim ring
- Glass lens with frosted perimeter
- Clear specular upper reflector
- Wet location listed for showers, "Dead-Front"
- 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3008FG
Frosted Glass Perimeter Lens, White Trim

Dimensions**
A: 1-7/8" [48mm]
RD: 2-9/16" [65mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

3012 Square Regressed Lens Adjustable Baffle

Showerlight

- Die cast trim ring with metal baffle
- For general illumination
- 15° tilt, 360° integral lamp holder rotation with locking thumbscrew
- Wet location listed for showers

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3012WHWB
White Baffle, White Trim

3012WHBB
Black Baffle, White Trim

3012BKBB
Black Baffle, Black Trim

3012SNBB
Black Baffle, Satin Nickel Trim

3012TBZBB
Black Baffle, Tuscan Bronze Trim

Dimensions**
A: 1-7/8" [48mm]
BD: 2-1/4" [57mm]
CO (Round): 3-3/4" [95mm]
OD: 4-1/4" [108mm]

3017 Decorative Low-Profile Glass Curve

Showerlight

- Die cast construction and decorative glass element
- Frost glass perimeter with clear glass center
- Wet location listed for showers

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3017FGS
Frost Glass Curve

Dimensions**
A: 1-1/2" [39mm]
D: 1/2" [13mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm

Key: A: Luminous Aperture, **RD/BD:** Reflector/Baffle Diameter, **CO:** Ceiling Opening, **OD:** Trim Outside Diameter, **D:** Depth Profile

Specifications, compliances and dimensions subject to change without notice

Pinhole, Slot & Wall Wash

3001 Adjustable Pinhole Baffle

- Die cast trim ring with black oculus and machined metal baffle
- For concentrated accent lighting
- 15° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3001WHWB
White Baffle, White Trim

3001WHBB
Black Baffle, White Trim

3001SNBB
Black Baffle, Satin Nickel Trim

3001BKBB
Black Baffle, Black Trim

3001TBZBB
Black Baffle, Tuscan Bronze Trim

Dimensions**
A: 1-5/8" [41mm],
CO: 3-3/4" [95mm],
OD: 4-1/4" [108mm]

3002 Adjustable Pinhole Reflector

- Die cast trim ring with black oculus and clear specular reflector
- For concentrated accent lighting
- 15° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3002WHC
Clear Reflector, White Trim

Dimensions**
A: 1-5/8" [41mm],
CO: 3-3/4" [95mm],
OD: 4-1/4" [108mm]

3006 Adjustable Slot Aperture

- Die cast trim ring with metal black baffle
- For directional illumination
- 35° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3006WHBB
Black Baffle, White Trim

3006SNBB
Black Baffle, Satin Nickel Trim

3006BKBB
Black Baffle, Black Trim

3006TBZBB
Black Baffle,
Tuscan Bronze Trim

Dimensions**
A: 1-5/8" [41mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

3020 Wall Wash Downlight

- Die cast trim ring
- Integral wall wash reflector
- 360° orientation within housing
- For a subtle grazing light effect on cabinet faces along with a direct downlight on counter tops or similar applications

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36ICAT H38ICAT	H36LVICAT

Lamp	12V MR16 37W
Housing	H38LVICAT

3020WW
Wall Wash Downlight with
White Trim Ring

Dimensions**
A: 1-9/16" [40mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

****Key: A:** Luminous Aperture, **CO:** Ceiling Opening, **OD:** Trim Outside Diameter

H3 Series – GU10 Non-IC Housing

H36TAT

H36TAT

3" Non-IC, Air-Tite, Shallow New Construction, 120V

H36TAT is a Non-IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 120V GU10 lamps. Non-IC housing is Air-Tite™ but insulation must be kept 3 inches away from all sides of housing.

Special Features

- Air-Tite™ code compliant
- Got Nail™ bar hangers
- Slide-N-Side™ junction box
- Pass-N-Thru™ bars
- Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing
Formed of CRS with white powder coat finish

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:
- Air-Tite™ code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Socket
GU10 socket for 120V GU10 lamps

Accessory
Z28 Lamp: 120V, GU10, reflector lamp

Compliances
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

Specifications, compliances and dimensions subject to change without notice

Ceiling opening to match template supplied

H36RTAT

3" Non-IC, Air-Tite, Shallow Remodel, 120V

H36RTAT is a Non-IC, Air-Tite™ remodel housing for use with H3 3" series trims. For installation from below the ceiling. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 120V GU10 lamps. Non-IC housing is Air-Tite™ but insulation must be kept 3 inches away from all sides of housing.

Special Features

Air-Tite™ code compliant
Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing
Formed of CRS with white powder coat finish

Remodel Plaster Frame
"Easy clip" provided to secure plaster frame in ceiling while installation is being completed. Adjustable cam-locks provide positive lock of housing to plaster frame to complete housing installation.

Includes:
- Air-Tite™ code compliant (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Socket
GU10 socket for 120V GU10 lamps

Accessory
Z28 Lamp: 120V, GU10, reflector lamp

Compliances
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

Remodel Housing Installation

Cut hole in ceiling using template supplied

Bring power to fixture using non metallic sheathed cable or flexible metal cable (per local code)

The Slide-N-Side™ wire trap lets you make all wiring connections outside the junction box

Slide cable into Slide-N-Side™ wire trap and close junction box cover

Insert plaster frame into ceiling opening

Support clip keeps plaster frame in place during rest of installation

Insert housing into position and align slots in housing wall with indicator label on inside of plaster frame opening (bottom of cam lock spring blades should be positioned on flat area of the plaster frame). Then secure in position with cam locks.

Install lamp and insert trim to complete installation

H3 Series – Low Voltage MR16 Non-IC Housing

H36LVTAT

H36LVTAT

3" Non-IC, Air-Tite, Shallow New Construction, 120V – 12V Low Voltage, MR16

H36LVTAT is a Non-IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 12V MR16 lamps. Non-IC housing is Air-Tite™ but insulation must be kept 3 inches away from all sides of housing.

Special Features

- Air-Tite™ code compliant
- Got Nail™ bar hangers
- Slide-N-Side™ junction box
- Pass-N-Thru™ bars
- Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing
Formed of CRS with white powder coat finish

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:
- Air-Tite™ code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Transformer
Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for MR16 lamps, 50W max.

Socket
GU5.3 socket for 12V MR16 lamps

Compliances
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

Specifications, compliances and dimensions subject to change without notice

H3 Series – Low Voltage MR16 Non-IC Housing

H36LVTATCP

3 INCH

H36LVTATCP

3" Non-IC, Air-Tite, Shallow New Construction, Chicago Plenum, 120V – 12V Low Voltage, MR16

H36LVTATCP is a Non-IC, Air-Tite, housing designed for non-insulated Chicago Plenum ceilings. For use with 12V MR16 lamps. Non-IC housing requires insulation must be kept 3 inches away from all sides of housing.

Special Features

Air-Tite™ code compliant
Got Nail™ bar hangers
Pass-N-Thru™ bars
Quick Connect™ push wire nuts
Chicago Plenum

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing
Formed of CRS with white powder coat finish

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:
- Air-Tite™ code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)
- Chicago Plenum

Transformer
Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for MR16 lamps, 50W max.

Socket
GU5.3 socket for 12V MR16 lamps

Compliances
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant
- City of Chicago Plenum

H3 Series – Low Voltage MR16 Non-IC Housing

H36LVRTAT

H36LVRTAT

3" Non-IC, Air-Tite, Shallow Remodel, 120V – 12V Low Voltage, MR16

H36LVRTAT is a Non-IC, Air-Tite™ remodel housing for use with H3 3" series trims. For installation from below the ceiling. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 12V MR16 lamps. Non-IC housing is Air-Tite™ but insulation must be kept 3 inches away from all sides of housing.

c UL us LISTED

Special Features

Air-Tite™ code compliant
Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing
Formed of CRS with white powder coat finish

Remodel Plaster Frame
"Easy clip" provided to secure plaster frame in ceiling while installation is being completed. Adjustable cam-locks provide positive lock of housing to plaster frame to complete housing installation.

Includes:
- Air-Tite™ code compliant (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Transformer
Integral magnetic transformer steps 120V line voltage down to 12V lamp operating voltage. Rated for MR16 lamps, 50W max.

Socket
GU5.3 socket for 12V MR16 lamps

Compliances
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

Remodel Housing Installation

Cut hole in ceiling using template supplied

Bring power to fixture using non metallic sheathed cable or flexible metal cable (per local code)

The Slide-N-Side™ wire trap lets you make all wiring connections outside the junction box

Slide cable into Slide-N-Side™ wire trap and close junction box cover

Insert plaster frame into ceiling opening

Support clip keeps plaster frame in place during rest of installation

Insert housing into position and align slots in housing wall with indicator label on inside of plaster frame opening (bottom of cam lock spring blades should be positioned on flat area of the plaster frame). Then secure in position with cam locks.

Install lamp and insert trim to complete installation

Specifications, compliances and dimensions subject to change without notice

H3 Series – Low Voltage MR16 Non-IC Housing

H36LVTAT277

3 INCH

H36LVTAT277

3" Non-IC, Air-Tite, Shallow New Construction, 120/277V – 12V Low Voltage, MR16

H36LVTAT277 is a Non-IC, Air-Tite™ housing for use with H3 3" series trims. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. For use with 12V MR16 lamps. H36LVTAT277 features integral 120/277 dual-tap transformer. For use with 12V MR16 lamps. Designed for installation in 120 or 277V electrical systems.
Non-IC housing is Air-Tite™ but insulation must be kept 3 inches away from all sides of housing.

c UL us LISTED

Special Features

- Air-Tite™ code compliant
- Got Nail!™ bar hangers
- Slide-N-Side™ junction box
- Pass-N-Thru™ bars
- Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing
Formed of 20 gauge CRS with white powder coat finish

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1-1/2" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- HALO name embossed on plaster frame
- The housing may be removed from plaster frame to provide access to the junction box
- Pre-installed Air-Tite gasket

Includes:
- Air-Tite™ code compliant (Details Pg. 11)
- Got Nail!™ bar hangers (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Transformer
Integral 120/277V dual-tap magnetic transformer steps line voltage down to 12V nominal MR16 lamp operating voltage. Rated for 50W max. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to instructions supplied with housing).

Socket
GU5.3 socket for 12V MR16 lamps

Compliances
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

H3 Series – Low Voltage MR16 Non-IC Housing

H36LVRTAT277

H36LVRTAT277

3" Non-IC, Air-Tite, Shallow Remodel, 120/277V – 12V Low Voltage, MR16

H36LVRTAT277 is a Non-IC, Air-Tite™ housing for use with H3 3" series trims. For installation from below the ceiling. Housing is Air-Tite to restrict airflow between conditioned spaces and unconditioned areas. H36LVRTAT277 features integral 120/277 dualtap transformer. For use with 12V MR16 lamps. Designed for installation in 120 or 277V electrical systems.
Non-IC housing is Air-Tite™ but insulation must be kept 3 inches away from all sides of housing.

c UL us LISTED

Special Features

Air-Tite™ code compliant
Quick Connect™ push wire nuts

Compatible Trims

3001	3004	3008	3011	3017
3002	3006	3009	3012	3020
3003	3007	3010	3013	

Features

Housing
Formed of CRS with white powder coat finish

Remodel Plaster Frame
"Easy clip" provided to secure plaster frame in ceiling while installation is being completed. Adjustable cam-locks provide positive lock of housing to plaster frame to complete housing installation.

Includes:
- Air-Tite™ code compliant (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Transformer
Integral 120/277V dual-tap magnetic transformer steps line voltage down to 12V nominal MR16 lamp operating voltage. Rated for 50W max. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to instructions supplied with housing).

Socket
GU5.3 socket for 12V MR16 lamps

Compliances
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

Remodel Housing Installation

Cut hole in ceiling using template supplied

Bring power to fixture using non metallic sheathed cable or flexible metal cable (per local code)

The Slide-N-Side™ wire trap lets you make all wiring connections outside the junction box

Slide cable into Slide-N-Side™ wire trap and close junction box cover

Insert plaster frame into ceiling opening

Support clip keeps plaster frame in place during rest of installation

Insert housing into position and align slots in housing wall with indicator label on inside of plaster frame opening (bottom of cam lock spring blades should be positioned on flat area of the plaster frame). Then secure in position with cam locks.

Install lamp and insert trim to complete installation

Specifications, compliances and dimensions subject to change without notice

Reflectors

3004 Adjustable Reflector

- Die cast trim ring with reflector
- For general illumination
- 35° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3004WHW
White Reflector, White Trim

3004WHC
Clear Reflector, White Trim

3004WHH
Haze Reflector, White Trim

3004SN
Satin Nickel Reflector, Satin Nickel Trim

3004TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
A: 2" [51mm]
RD: 3" [75mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

Baffles

3003 Adjustable Coilex® Baffle

- Die cast trim ring with machined metal Coilex baffle
- For general illumination
- 35° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3003WHWB
White Coilex Baffle, White Trim

3003WHBB
Black Coilex Baffle, White Trim

3003BKBB
Black Coilex Baffle, Black Trim

3003SNB
Satin Nickel Coilex Baffle, Satin Nickel Trim

3003TBZB
Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim

Dimensions**
A: 2" [51mm]
BD: 3" [75mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [180mm]

3011 Square Adjustable Baffle

- Die cast trim ring with metal baffle
- For general illumination
- 15° tilt, 350° integral lamp holder rotation with locking thumbscrew

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3011WHWB
White Baffle, White Trim

3011WHBB
Black Baffle, White Trim

3011BKBB
Black Baffle, Black Trim

3011SNBB
Black Baffle, Satin Nickel Trim

3011TBZBB
Black Baffle, Tuscan Bronze Trim

Dimensions**
A: 1-7/8" [48mm]
BD: 2-1/4" [57mm]
CO (Round): 3-3/4" [95mm]
OD: 4-1/4" [108mm]

****Key: A:** Luminous Aperture, **RD/BD:** Reflector/Baffle Diameter, **CO:** Ceiling Opening, **OD:** Trim Outside Diameter

H3 Series Trims

Non IC Housings: H36TAT • H36RTAT • H36LVTAT • H36LVTATCP • H36LVRTAT • H36LVTAT277 • H36LVRTAT277

Adjustable – Eyeballs & Gimbals

3009 Adjustable Gimbal - 35° Tilt

- Die cast trim ring with die cast gimbal
- For directional accent lighting
- 35° tilt, 15° negative tilt, 360° gimbal orientation and trim within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3009WHWB
White Baffle, White Gimbal

3009WHBB
Black Baffle, White Gimbal

3009BKBB
Black Baffle, Black Gimbal

3009SNBB
Black Baffle, Satin Nickel Gimbal

3009TBZBB
Black Baffle, Tuscan Bronze Gimbal

Dimensions**
A: 1-3/4" [45mm]
BD: 2" [51mm]
G: 2-3/4" [70mm]
CO: 3-3/4" [95mm]
OD: 4-1/4"[108mm]

3010 Super Adjustable - 0-75° Adjustment

- Die cast trim ring and adjustable lamp sleeve
- For directional accent lighting
- Integral nylon ball bearings and silicone guides protect finish
- 0-75° tilt, 360° orientation within housing
- Front-loading, turn-lock lamp access

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3010WH
White Baffle, White Trim

3010SN
Satin Nickel Baffle,
Satin Nickel Trim

Dimensions**
A: 1-3/4" [45mm]
Adj. Dia.: 2-3/8" [60mm]
BD: 2-1/2" [64mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

Pull Down / Adjustment

3013 Square Adjustable Gimbal

- Die cast trim ring with die cast gimbal
- For accent and task lighting
- 35° positive tilt, 15° negative tilt, 360° orientation within housing
- Front-loading, snap-in lamp access face plate

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3013WH
White

3013SN
Satin Nickel

3013TBZ
Tuscan Bronze

3013BK
Black

Dimensions**
A: 1-3/4" [45mm]
G: 2-1/4" [57mm]
CO (Round): 3-3/4" [95mm]
OD (Square): 4-1/4" [108mm]

Key: **A: Luminous Aperture, **RD/BD:** Reflector/Baffle Diameter, **CO:** Ceiling Opening, **OD:** Trim Outside Diameter, **G:** Gimbal Outside Diameter

Specifications, compliances and dimensions subject to change without notice

Lenses & Wet Location Showerlights

3007 Regressed Lens Adjustable Reflector

Showerlight

- Die cast trim ring: TBZ models
- Non-conductive & non-corrosive polymer trim ring: WHC, PCC, SN models
- Regressed clear lens
- For general illumination
- Wet location listed for showers
- 15° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3007WHC
Specular Clear Reflector, White Trim

3007PCC
Specular Clear Reflector, Polished Chrome Trim

3007SN
Satin Nickel Reflector, Satin Nickel Trim

3007TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
A: 2" [51mm]
RD: 3" [75mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

3008 Frosted Glass Perimeter Lens

Showerlight

- Non-conductive & non-corrosive polymer trim ring
- Glass lens with frosted perimeter
- Clear specular upper reflector
- Wet location listed for showers, "Dead-Front"
- 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3008FG
White with Frosted Glass Perimeter Lens

Dimensions**
A: 1-7/8" [48mm]
RD: 2-9/16" [65mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

3017 Decorative Low-Profile Glass Curve

Showerlight

- Die cast construction and decorative glass element
- Frost glass perimeter with clear glass center
- Wet location listed for showers

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3017FGS
Frost Glass Curve

Dimensions**
A: 1-1/2" [39mm]
D: 1/2" [13mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm

3012 Square Regressed Lens Adjustable Baffle

Showerlight

- Die cast trim ring with metal baffle
- For general illumination
- 15° tilt, 360° integral lamp holder rotation with locking thumbscrew
- Wet location listed for showers

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3012WHWB
White Baffle, White Trim

3012WHBB
Black Baffle, White Trim

3012BKBB
Black Baffle, Black Trim

3012SNBB
Black Baffle, Satin Nickel Trim

3012TBZBB
Black Baffle, Tuscan Bronze Trim

Dimensions**
A: 1-7/8" [48mm]
BD: 2-1/4" [57mm]
CO (Round): 3-3/4" [95mm]
OD: 4-1/4" [108mm]

****Key: A:** Luminous Aperture, **RD/BD:** Reflector/Baffle Diameter, **CO:** Ceiling Opening, **OD:** Trim Outside Diameter, **D:** Depth Profile

H3 Series Trims

Non-IC Housings: H36TAT • H36RTAT • H36LVTAT • H36LVTATCP • H36LVRTAT • H36LVTAT277 • H36LVRTAT277

Pinhole, Slot & Wall Wash

3001 Adjustable Pinhole Baffle

- Die cast trim ring with black oculus and machined metal baffle
- For concentrated accent lighting
- 15° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3001WHWB
White Baffle, White Trim

3001WHBB
Black Baffle, White Trim

3001SNBB
Black Baffle, Satin Nickel Trim

3001BKBB
Black Baffle, Black Trim

3001TBZBB
Black Baffle, Tuscan Bronze Trim

Dimensions**
A: 1-5/8" [41mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

3002 Adjustable Pinhole Reflector

- Die cast trim ring with black oculus and clear specular reflector
- For concentrated accent lighting
- 15° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3002WHC
Clear Reflector, White Trim

Dimensions**
A: 1-5/8" [41mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

3006 Adjustable Slot Aperture

- Die cast trim ring with metal black baffle
- For directional illumination
- 35° tilt, 360° orientation within housing

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3006WHBB
Black Baffle, White Trim

3006SNBB
Black Baffle, Satin Nickel Trim

3006BKBB
Black Baffle, Black Trim

3006TBZBB
Black Baffle, Tuscan Bronze Trim

Dimensions**
A: 1-5/8" [41mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

3020 Wall Wash Downlight

- Die cast trim ring
- Integral wall wash reflector
- 360° orientation within housing
- For a subtle grazing light effect on cabinet faces along with a direct downlight on counter tops or similar applications

Lamp	120V GU10 50W	12V MR16 50W
Housing	H36RTAT H36TAT	H36LVRTAT H36LVRTAT277 H36LVTAT H36LVTAT277 H36LVTATCP

3020WW
Wall Wash Downlight, White Trim

Dimensions**
A: 1-9/16" [40mm]
CO: 3-3/4" [95mm]
OD: 4-1/4" [108mm]

****Key: A:** Luminous Aperture, **CO:** Ceiling Opening, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

4 INCH

4" E44 LED Lamp
Low Voltage Housings 166
Line Voltage Housings 168
Wafer Thin Trims 170
Full Overlap Trims 174

4" E26 Screw Base
IC Housings & Trims 180
Non-IC Housings & Trims 185

4" Low Voltage
IC Housings 193
Non-IC Housings 194
Trims 197

IC = Insulated Ceiling **Non-IC = Non-Insulated Ceiling**

E44 Series

4-inch Pin Base Housings & Trims

A family of 4-inch housings and trims optimized for use with LED lamps delivering longer life and energy savings. The ultra-shallow housings are available in new construction and remodel types suitable for 2x4 framing or shallow plenum installation. The compact plaster frame with repositionable junction box fits in tight spacing.

The line voltage housings with GU10 base are available in 10 or 20 watt ratings and can be used with LED or halogen lamp types. The low voltage housings with Gx5.3 base and integral 120/277V step down transformer is rated at 10 watts maximum, ideal for use with LED MR16 lamps.

Trims are also optimized for use with LED lamps and are available in round and square apertures in a range of finishes to match many decors. The E44 round and square pinhole trims match the appearance of the ML4 series allowing lamp and light engine based solutions to be combined while maintaining a consistent look.

Housing Features

1. Got-Nail™ bar hangers

- Q-channel interlocking bars for secure adjustment
- Pass-N-Thru feature allows bars to pass through each other for adjustment and tool-less shortening without removal
- Housing can be positioned at any point within 24" joist span

2. Compact plaster frame

- (2) Locking screws maintain positioning
- Housing can be positioned anywhere along bar hanger and tight to joists

3. Perforation pattern

- Accepts wall board screws anchoring the housing to the ceiling
- Eliminates housing 'bounce' and trim gap to ceiling

4. AIR-TITE gasket

- Pre-installed compression gasket with a special can design that limits airflow and seals the can, frame & ceiling
- No additional gaskets or caulk required - saving installation time and money
- Tested to ASTM-E283-04 standard

5. Slide-N-Side junction box

- Hinged captive cover, box repositionable on the frame to clear obstructions
- Slide-N-Side wire traps and quick connects allow non-metallic sheathed cable to be installed outside the box, without tools and without removing knockouts.
- Accommodates standard non-metallic sheathed cable:
  - U.S.: #14/2, #14/3, #12/2, #12/3
  - Canada: #14/2, #14/3, #12/2

perforation pattern detail

New construction housings feature a toroidal wound, magnetic step-down transformer with 120/277V input and 12V 10W nominal output that is highly efficient and low noise. The remodeler housing uses the same transformer with 120V input only. The transformer in integral to the junction box and can be serviced from below the ceiling through the aperture.

Specifications, compliances and dimensions subject to change without notice

Trim Features

Wafer thin trims

The E44 wafer thin trims are used with the new construction housings. The 1.0 mm thin profile provides minimal ceiling presence.

Full overlap trims

The E44 full overlap trims are used with both new construction and remodeler housings. The full overlap flange style trims match the ML4 trim series.

The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

Lamp Installation and adjustment

1. Coil spring holds lamp securely in position.
2. Friction blades hold trim securely to housing.
3. Accepts (1) lens or louver.
4. Rotates 360°.
5. Four prongs align the lamp and lens to aperture. Accomodates various lamp constructions.
6. Tilts up to 35°. Lever arm locks in at 2.5° increments.

E44 Series - Pin Base Housing

E44MR16ICAT

E44MR16ICAT

4" Ultra-Shallow Recessed Low Voltage New Construction Housing

Recessed 4" aperture ultra-shallow new construction housing with integral step down transformer optimized for low voltage LED MR16 lamps. Suitable for 2x4 residential framing or shallow plenum commercial construction, meets restrictive airflow requirements and can be used in direct contact with insulation. Use with compatible Halo™ trims and LED MR16 lamps (by others) providing a broad range of trim styles and optical distributions.

Special Features

- Got-Nail!™ bar hangers
- Pass-N-Thru™ bar hangers
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant
- Slide-N-Side™ junction box

Compatible Trims

1430	1465	1466	1484	1487
1431	1433	1440	1485	1489
1434	1437	1441	1443	1442
1435	1432	1444	1447	1446
1464	1436	1445	1449	1486

Features

Housing
- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Adjusts vertically to accommodate 3/8" to 1-1/4" thick ceilings and locks in position with (3) setscrews
- Integral gasket achieves airtight compliance without additional caulk or gaskets
- Shipped with overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame
- Notches facilitate use of guide strings or laser lines for precise positioning
- Regressed screws provide positive horizontal bar hanger locking from below the ceiling
- Perforations accept drywall screws from below securing housing to ceiling structure

Bar Hangers
- Captive preinstalled Got-Nail™ bar hangers supports housing any point along span and tight to framing
- Pass-N-Thru™ feature allows adjust from 6" to 24" wide without removal
- Captive nail penetrates standard and engineered lumber
- Leveling flange aligns plaster frame with structure
- Integral clip attaches directly to tee-bar

Universal Mounting Bracket Accessory
- Accepts 1/2" EMT, C channel and bar hangers
- Adjusts 3" vertically from above the ceiling
- Installed to plaster frame with (2) screws (provided)

Junction Box
- Compact galvanized steel junction box with 16in3 internal volume
- Listed for (10) #12 AWG 90° C splice conductors
- Repositionable 90° on plaster frame to avoid obstructions
- Hinged door is retained and provides easy access to field wiring
- (6) ½" conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections

Step Down Transformer
- Low noise toroidal wound magnetic step down transformer
- Thermally protected
- 120/277V 60Hz input provides 12V nominal at 10W output

Socket
- Gx5.3 socket for bi-pin 12V LED MR16 lamps

Trims
- Compatible with a broad range of trim styles and optical distributions
- Friction blades hold trim tight to ceiling surface, gasket minimizes light leaks
- Use with wafer thin, full overlap or die cast flange styles

Compliances
- Type IC suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select lens trims
- Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance with designated trims and CA JA8-2016-E labeled lamps
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS compliant

Energy Data

Input Voltage	120V	277V
Input Current	0.099 (mA)	(mA)
Input Power	11.89 (W)	(W)
Inrush (A)	2 (A)	(A)
THD	≤ 20%	
PF	≥ 0.90	
T Ambient	-40 - +40°C	
Sound Rating	≤ 20dba	

Specifications, compliances and dimensions subject to change without notice

E44MR16RICAT

4" Ultra-Shallow Recessed Low Voltage Remodeler Housing

Recessed 4" aperture ultra-shallow install from below remodeler type housing with integral step down transformer optimized for low voltage LED MR16 lamps. Suitable for 2x4 residential framing or shallow plenum commercial construction, meets restrictive airflow requirements and can be used in direct contact with insulation. Use with compatible Halo™ trims and LED MR16 lamps (by others) providing a broad range of trim styles and optical distributions.

Special Features

Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

1440	1445	1443	1487	1446
1441	1484	1447	1489	1486
1444	1485	1449	1442	

Features

Housing
- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Accommodates ceilings from 3/8" to 1-1/4" thick
- Shipped with overspray protector installed

Mounting Springs
- Captive preinstalled mounting springs retain housing securely in ceiling.
- Housing can be removed from below the ceiling for service or splice inspection

Gasket
- Closed cell gaskets achieve restrictive airflow requirements without additional gaskets or caulking

Junction Box
- Compact galvanized steel junction box with 10in3 internal volume
- Listed for (6) #12 AWG 90˚ C splice conductors
- Hinged door is retained and provides easy access to field wiring
- (3) ½" conduit pry-outs
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- Quick Connect™ remodel wiring tray holds (3) 4-port
- push wire nuts facilitating mains voltage connections

Step Down Transformer
- Low noise toroidal wound magnetic step down transformer
- Thermally protected
- 120V 60Hz input provides 12V at 10W output

Socket
- Gx5.3 socket for bi-pin 12V LED MR16 lamps

Trims
- Compatible with a broad range of trim styles and optical distributions
- Friction blades hold trim tight to ceiling surface, gasket minimizes light leaks
- Use with full overlap or die cast flange styles

Compliances
- Type IC suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select lens trims
- Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance with designated trims and CA JA8-2016-E labeled lamps
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS compliant

Energy Data

Input Voltage	120V
Input Current	(mA)
Input Power	(W)
Inrush (A)	(A)
THD	≤ 20%
PF	≥ 0.90
T Ambient	-40 - +40°C
Sound Rating	≤ 20dba

E44 Series - Pin Base Housing

E44PAR16ICAT

E44PAR16ICAT

4" Ultra-Shallow Recessed Line Voltage New Construction Housing

Recessed 4" aperture ultra-shallow new construction housing optimized for line voltage LED or halogen PAR16 lamps. Suitable for 2x4 residential framing or shallow plenum commercial construction, meets restrictive airflow requirements and can be used in direct contact with insulation. Use with compatible Halo™ trims and PAR16 lamps (by others) providing a broad range of trim styles and optical distributions.

Special Features

- Got-Nail!™ bar hangers
- Pass-N-Thru™ bar hangers
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant
- Slide-N-Side™ junction box

Compatible Trims

1430	1465	1466	1484	1487
1431	1433	1440	1485	1489
1434	1437	1441	1443	1442
1435	1432	1444	1447	1446
1464	1436	1445	1449	1486

Features

Housing
- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Adjusts vertically to accommodate 3/8" to 1-1/4" thick ceilings and locks in position with (3) setscrews
- Integral gasket achieves airtight compliance without additional caulk or gaskets
- Shipped with overspray protector installed
- Housing can be removed from below the ceiling for service or splice inspection

Plaster Frame
- Compact galvanized steel plaster frame with integral bar hanger receivers
- Notches facilitate use of guide strings or laser lines for precise positioning
- Regressed screws provide positive horizontal bar hanger locking from below the ceiling
- Perforations accept drywall screws from below securing housing to ceiling structure

Bar Hangers
- Captive preinstalled Got-Nail™ bar hangers supports housing any point along span and tight to framing
- Pass-N-Thru™ feature allows adjust from 6" to 24" wide without removal
- Captive nail penetrates standard and engineered lumber
- Leveling flange aligns plaster frame with structure
- Integral clip attaches directly to tee-bar

Universal Mounting Bracket Accessory
- Accepts 1/2" EMT, C channel and bar hangers
- Adjusts 3" vertically from above the ceiling
- Installed to plaster frame with (2) screws (provided)

Junction Box
- Compact galvanized steel junction box with 16in3 internal volume
- Listed for (10) #12 AWG 90° C splice conductors
- Repositionable 90° on plaster frame to avoid obstructions
- Hinged door is retained and provides easy access to field wiring
- (6) ½" conduit pry-outs positioned to allow straight conduit runs
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- (3) 4-port push wire nuts with clear caps for quick and reliable mains voltage connections

Socket
- GU10 socket for 120V LED PAR16 lamps

Trims
- Compatible with a broad range of trim styles and optical distributions
- Friction blades hold trim tight to ceiling surface, gasket minimizes light leaks
- Use with wafer thin, full overlap or die cast flange styles

Compliances
- Type IC thermally protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select lens trims
- Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance with designated trims and CA T24-2016-E labeled lamps
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS compliant

Energy Data

Input Voltage	120V
Input Current	0.099 (mA)
Input Power	11.89 (W)
Inrush (A)	2 (A)
THD	≤ 20%
PF	≥ 0.90
T Ambient	-40 - +40°C
Sound Rating	≤ 20dba

Specifications, compliances and dimensions subject to change without notice

E44PAR16RICAT

4" Ultra-Shallow Recessed Line Voltage Remodeler Housing

Recessed 4" aperture ultra-shallow install from below remodeler type housing for line voltage LED or halogen PAR16 lamps. Suitable for 2x4 residential framing or shallow plenum commercial construction, meets restrictive airflow requirements and can be used in direct contact with insulation. Use with compatible Halo™ trims and PAR16 lamps (by others) providing a broad range of trim styles and optical distributions.

Special Features

Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

1440	1445	1443	1487	1446
1441	1484	1447	1489	1486
1444	1485	1449	1442	

Features

Housing
- Single wall deep drawn aluminum housing painted matte black for a visually dark interior
- Accommodates ceilings from 3/8" to 1-1/4" thick
- Shipped with overspray protector installed

Mounting Springs
- Captive preinstalled mounting springs retain housing securely in ceiling.
- Housing can be removed from below the ceiling for service or splice inspection

Gasket
- Closed cell gaskets achieve restrictive airflow requirements without additional gaskets or caulking

Junction Box
- Compact galvanized steel junction box with 10in3 internal volume
- Listed for (6) #12 AWG 90˚ C splice conductors
- Hinged door is retained and provides easy access to field wiring
- (3) ½" conduit pry-outs
- (3) Slide-N-Side™ non-metallic (NM) wire traps allows wiring outside the box
- Accepts 14-2, 14-3, 12-2, 12-3 U.S. and 14-2, 14-3, 12-2 Canadian NM cable
- Quick Connect™ remodel wiring tray holds (3) 4-port
- push wire nuts facilitating mains voltage connections

Socket
- GU10 socket for 120V LED or halogen PAR16 lamps

Trims
- Compatible with a broad range of trim styles and optical distributions
- Friction blades hold trim tight to ceiling surface, gasket minimizes light leaks
- Use with full overlap or die cast flange styles

Compliances
- Type IC thermally protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations
- Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013
- Wet location listed in covered ceilings and IP44 certified with select lens trims
- Airtight per ASTM-E283
- Can be used for State of California Title 24 high efficacy luminaire compliance with designated trims and CA T24-2016-E labeled lamps
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- Contains no mercury or lead and RoHS compliant

Energy Data

Input Voltage	120V
Input Current	(mA)
Input Power	(W)
Inrush (A)	(A)
THD	≤ 20%
PF	≥ 0.90
T Ambient	-40 - +40°C
Sound Rating	≤ 20dba

E44 Series - Wafer Thin Trims

Directional Open: 1430 • 1431 • 1434

Directional Open

1430 Conical Reflector

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1430MWWF
Matte White, White Flange

1430H
Haze

1430HWF
Haze, White Flange

1430BN
Brushed Nickel, German Bronze

1430GB
German Bronze

Dimensions**
A: 3.63" [92mm]
H: 2.31" [59mm]
OD: 5" [127mm]

1431 Conical Baffle

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1431WBWF
White Baffle, White Flange

1431BBWF
Black Baffle, White Flange

1431BN
Brushed Nickel

1431GB
German Bronze

Dimensions**
A: 3.63" [92mm]
H: 2.34" [59mm]
OD: 5" [127mm]

1434 Round Pinhole

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1434MW
Matte White

1434MB
Matte Black

1434BN
Brushed Nickel

1434GB
German Bronze

Dimensions**
A: 2.5" [63mm]
H: 3.1" [79mm]
OD: 5" [127mm]

Specifications, compliances and dimensions subject to change without notice

Directional Open

1435 Round Pinhole with Oculus

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1435MWWB
Matte White, White Baffle

1435MWBB
Matte White, Black Baffle

1435BNBB
Brushed Nickel, Black Baffle

1435GBBB
German Bronze, Black Baffle

Dimensions**
A: 2.3" [59mm]
H: 3.1" [79mm]
OD: 5" [127mm]

1464 Square Pinhole

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1464MW
Matte White

1464MB
Matte Black

1464BN
Brushed Nickel

1464GB
German Bronze

Dimensions**
A: 2.2" [55mm]
H: 3.1" [79mm]
OD: 5" [127mm]

1465 Square Pinhole with Oculus

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1465MWWB
Matte White, White Baffle

1465MWBB
Matte White, Black Baffle

1465BNBB
Brushed Nickel, Black Baffle

1465GBBB
German Bronze, Black Baffle

Dimensions**
A: 2" [52mm]
H: 3.1" [79mm]
OD: 5" [127mm]

E44 Series - Wafer Thin Trims

Directional Lens: 1433 • 1437 • 1467

Directional Lens

1433 Conical Refector, Diffuse Lens

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1433MWWF
Matte White, White Flange

1433H
Haze

1433HWF
Haze, White Flange

1433BN
Brushed Nickel

1433GB
German Bronze

Dimensions**
A: 3.63" [92mm]
H: 2.33" [59mm]
OD: 5" [127mm]

1437 Round Pinhole, Diffuse Lens

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1437MWWB
Matte White, White Baffle

1437MWBB
Matte White, Black Baffle

1437BNBB
Brushed Nickel, Black Baffle

1437GBBB
German Bronze, Black Baffle

Dimensions**
A: 2.33" [59mm]
H: 3.13" [79mm]
OD: 5" [127mm]

1467 Square Pinhole, Diffuse Lens

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1467MWWB
Matte White, White Baffle

1467MWBB
Matte White, Black Baffle

1467BNBB
Brushed Nickel, Black Baffle

1467GBBB
German Bronze, Black Baffle

Dimensions**
A: 2.03" [52mm]
H: 3.13" [79mm]
OD: 5" [127mm]

Specifications, compliances and dimensions subject to change without notice

Lens Wall Wash

1432 Angle Cut Conical Reflector, Lens Wall Wash

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1432MWWF
Matte White, White Flange

1432H
Haze

1432HWF
Haze, White Flange

Dimensions**
A: 3.63" [92mm]
H: 2.26" [58mm]
OD: 5" [127mm]

1436 Round Pinhole, Lens Wall Wash

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1436MWWB
Matte White, White Baffle

1436MWBB
Matte White, Black Baffle

Dimensions**
A: 2.34" [59mm]
H: 2.29" [58mm]
OD: 5" [127mm]

1466 Square Pinhole, Lens Wall Wash

- Use in new construction housings
- For general illumination
- 1.0 mm thin profile provides minimal ceiling presence
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT	E44PAR16ICAT

1466MWWB
Matte White, White Baffle

1466MWBB
Matte White, Black Baffle

Dimensions**
A: 2.03" [52mm]
H: 2.29" [58mm]
OD: 5" [127mm]

E44 Series - Full Overlap Trims

Directional Open: 1440 • 1441 • 1444

Directional Open

1440 Conical Reflector

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1440MWWF
Matte White, White Flange

1440H
Haze

1440HWF
Haze, White Flange

1440BN
Brushed Nickel

1440GB
German Bronze

Dimensions**
A: 3.63" [92mm]
H: 2.34" [59mm]
OD: 5" [127mm]

1441 Conical Baffle

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1441WBWF
White Baffle, White Flange

1440BBWF
Black Baffle, White Flange

1441BN
Brushed Nickel

1441GB
German Bronze

Dimensions**
A: 3.63" [92mm]
H: 2.34" [59mm]
OD: 5" [127mm]

1444 Round Pinhole

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1444MW
Matte White

1444MB
Matte Black

1444BN
Brushed Nickel

1444GB
German Bronze

Dimensions**
A: 2.47" [63mm]
H: 3.11" [79mm]
OD: 5" [127mm]

Specifications, compliances and dimensions subject to change without notice

Directional Open

1445 Round Pinhole with Oculus

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1445MWWB
Matte White, White Baffle

1445MWBB
Matte White, Black Baffle

1445BNBB
Brushed Nickel, Black Baffle

1445GBBB
German Bronze, Black Baffle

Dimensions**
A: 2.34" [59mm]
H: 3.13" [79mm]
OD: 5" [127mm]

1484 Square Pinhole

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1484MW
Matte White

1484MB
Matte Black

1484BN
Brushed Nickel

1484GB
German Bronze

Dimensions**
A: 2.17" [55mm]
H: 3.11" [79mm]
OD: 5" [127mm]

1485 Square Pinhole with Oculus

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1485MWWB
Matte White, White Baffle

1485MWBB
Matte White, Black Baffle

1485BNBB
Brushed Nickel, Black Baffle

1485GBBB
German Bronze, Black Baffle

Dimensions**
A: 2.03" [52mm]
H: 3.13" [79mm]
OD: 5" [127mm]

E44 Series - Full Overlap Trims

Directional Lens: 1443 • 1447 • 1449

Directional Lens

1443 Conical Reflector, Diffuse Lens

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1443MWWF
Matte White, White Flange

1443H
Haze

1443HWF
Haze, White Flange

1443BN
Brushed Nickel

1443GB
German Bronze

Dimensions**
A: 3.63" [92mm]
H: 2.34" [59mm]
OD: 5" [127mm]

1447 Round Pinhole, Diffuse Lens

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1447MWWB
Matte White, White Baffle

1447MWBB
Matte White, Black Baffle

1447BNBB
Brushed Nickel, Black Baffle

1447GBBB
German Bronze, Black Baffle

Dimensions**
A: 2.34" [59mm]
H: 3.13" [79mm]
OD: 5" [127mm]

1449 Round "All Acrylic-Glass", Diffuse Lens

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1449AAG
Round, All Acrylic Glass

Dimensions**
A: 3.27" [83mm]
H: 3.21" [81mm]
OD: 5.13" [130mm]

Specifications, compliances and dimensions subject to change without notice

Directional Lens

1487 Square Pinhole, Diffuse Lens

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1487MWWB
Matte White, White Baffle

1487MWBB
Matte White, Black Baffle

1487BNBB
Brushed Nickel, Black Baffle

1487GBBB
German Bronze, Black Baffle

Dimensions**
A: 2.03" [52mm]
H: 3.13" [79mm]
OD: 5" [127mm]

1489 Square "All Acrylic-Glass", Diffuse Lens

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1489AAG
Square, All Acrylic Glass

Dimensions**
A: 2.29" [58mm]
H: 3.21" [81mm]
OD: 5.13" [130mm]

E44 Series - Full Overlap Trims

Lens Wall Wash: 1442 • 1446 • 1486

Lens Wall Wash

1442 Single Cut Conical Reflector, Lens Wall Wash

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1442MWWF
Matte White, White Flange

1442H
Haze

1442HWF
Haze, White Flange

Dimensions**
A: 3.62" [92mm]
H: 2.27" [58mm]
OD: 5" [127mm]

1446 Round Pinhole, Lens Wall Wash

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1446MWWB
Matte White, White Baffle

1446MWBB
Matte White, Black Baffle

Dimensions**
A: 2.34" [59mm]
H: 2.28" [58mm]
OD: 5" [127mm]

1486 Square Pinhole, Lens Wall Wash

- Use in new construction and remodeler housings
- For general illumination
- Full overlap flange style trims match the ML4 trim series
- 35° tilt, 360° orientation within housing

Lamp	Gx5.3 12V MR16	120V GU10 PAR16
Housing	E44MR16ICAT E44MR16RICAT	E44PAR16ICAT E44PAR16RICAT

- The full overlap flange style trims are supplied with E26 to GU10 adapters for use with Halo H99 or compatible housings.

1486MWWB
Matte White, White Baffle

1486MWBB
Matte White, Black Baffle

Dimensions**
A: 2.03" [52mm]
H: 2.28" [58mm]
OD: 5" [127mm]

Specifications, compliances and dimensions subject to change without notice

photography: Jeffrey A. Davis Photography, Inc. © 2018

E26 Screw Base IC Housing

H99ICAT

H99ICAT

4" IC, Air-Tite, Shallow New Construction Housing, 120V

The H99ICAT is an IC Air-Tite™ housing for accent, task, and general lighting. It is designed for use in insulated ceilings where it will be in direct contact with insulation*. Air-Tite™ housing designed to restrict air flow between conditioned spaces and unconditioned areas. May be retrofit with compatible Halo LED lighting systems.

Special Features

- Got Nail!™ bar hangers
- Pass-N-Thru™ bars
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

945	953	998	4002	4013
951	993	999	4003	4055
952	996	4001	4010	

Features

Housing

- Outer Housing: aluminum construction helps dissipate heat
- Inner Housing: double wall aluminum construction helps dissipate heat
- The inner housing can be removed from plaster frame to provide access to the junction box
- For insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Inner housing adjusts for ceilings up to 1" thick

Plaster Frame

- Galvanized steel die-formed construction
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Air-Tite aperture gasket is pre-installed
  - Halo identity embossed on plaster frame

Includes:

- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket

Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Housing

E4ICATSB

4 INCH

E4ICATSB

4" IC, Air-Tite, Shallow New Construction Housing, 120V

The E4ICATSB is an IC Air-Tite™ housing optimized and listed for EISA compliant tungsten-halogen lamps, CFL and LED lamps as well as incandescent. Housing features an adjustable socket bracket, and is suitable for residential or commercial applications. Installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. May be retrofit with compatible Halo LED lighting systems.

Special Features

All-Nail!™ bar hangers
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

945	953	996	999	4002	4010
952	993	998	4001	4003	4055

Features

Housing
- Outer Housing: aluminum construction
- Inner Housing: double wall aluminum construction helps dissipate heat
- The inner housing can be removed from the plaster frame to provide access to the junction box
- For insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Inner housing adjusts for ceilings up to 1" thick

Plaster Frame
- Plaster frame includes locking screw for hanger bars and cutouts for crimping hanger bars in position
- Air-Tite gasket is pre-installed

Junction Box
- Positioned to accommodate straight conduit runs
- Seven conduit knockouts are uniform 1/2" size with true pry-out slots
- Four pry-outs with integral strain relief simplify non-metallic (NM) sheathed cable installation
- Three quick connect wire connectors included

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket
Adjustable position bracket with porcelain socket and nickel plated brass screw shell provides flexibility in lamp positioning

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

E26 Screw Base Trims

IC Housings: H99ICAT • E4ICATSB

Reflectors

999 Precision Metal Reflector

- Precision die cast metal trim ring with metal reflector
- For general down lighting
- Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	40W A19, 50W PAR20, 40W R16, 50W R20
E4ICATSB	40W A19, 50W PAR20, 40W R16, 30 R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

999MB
Specular Black Reflector, White Trim

999RG
Residential Gold Reflector, White Trim

999P
Specular Clear Reflector, White Trim

999W
White Reflector, White Trim

999H
Haze Reflector, White Trim

999SN
Satin Nickel Reflector, Satin Nickel Trim

999TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 2-5/8" [67mm]
OD: 5" [129mm]

4003 Reflector

- Specular clear reflector
- Formed metal trim ring
- Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	40W A19, 35W PAR20, 50W PAR20, 40W R16, 50W R20
E4ICATSB	40W A19, 35W PAR20, 30W R20, 40W R16

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4003
Specular Reflector, White Trim

Dimensions**
H: 2-1/2" [63mm]
OD: 5" [129mm]

Baffles

953 Precision Metal Baffle

- Precision die cast metal trim ring with metal baffle
- For general down lighting
- Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	35W PAR20, 30W R20, (50W PAR20 with H1999 Socket Extender)
E4ICATSB	50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

953W
White Baffle, White Trim

953P
Black Baffle, White Trim

953SN
Satin Nickel Baffle, Satin Nickel Trim

953TBZ
Tuscan Bronze Baffle, Tuscan Bronze Trim

Accessory - H1999 (H99ICAT Only)

Socket Extender

Dimensions**
H: 2-1/2" [63mm]
OD: 5" [129mm]

993 Coilex® Baffle

- Coilex® phenolic baffle
- Precision die cast metal trim ring
- For general down lighting
- Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	35W PAR20, 30W R20, (50W PAR20, 50W R20 with H1999 Socket Extender)
E4ICATSB	35W PAR20, 30W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

993W
White Baffle, White Trim

993P
Black Baffle, White Trim

993SN
Black Baffle, Satin Nickel Trim

993TBZ
Black Baffle, Tuscan Bronze Trim

Accessory - H1999 (H99ICAT Only)

Socket Extender

Dimensions**
H: 2-1/2" [63mm]
OD: 5" [129mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

4001 Plastic Baffle

- Step plastic baffle
- Formed metal trim ring
- Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	35W PAR20, 50W R20, (50W PAR20, 50W R20 with H1999 Socket Extender)
E4ICATSB	35W PAR20, 30W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4001WB
White Baffle, White Trim

4001BB
Black Baffle, White Trim

Accessory - H1999 (H99ICAT Only)

Socket Extender

Dimensions**
H: 1-1/8" [28mm]
OD: 5" [129mm]

4010 Metal Baffle

- Metal baffle
- Formed metal trim ring
- Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	35W PAR20, 30W R20, (50W PAR20 with H1999 Socket Extender)
E4ICATSB	50W PAR20, 30W R20, 35W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4010WB
White Baffle, White Trim

4010BB
Black Baffle, White Trim

Dimensions**
H: 2-5/8" [67mm]
OD: 5" [129mm]

4013 Full Cone Metal Baffle, Self-flange

- Self-flange metal baffle
- Friction clip retention
- For use with H99 series housings only

Housings	Max Lamp Compatibility
H99ICAT	**4013WB:** 40W A19, 50W R20, 50W PAR20 **4013BB:** 45W R20, 50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4013WB
White Baffle, White Trim

4013BB
Black Baffle, White Trim

Dimensions**
H: 4-1/2" [114mm]
OD: 5" [129mm]

Adjustable – Eyeballs & Gimbals

996 Adjustable Eyeball – 15° Tilt

- Adjustable eyeball for use with PAR20 lamps only
- 15° tilt, 360° rotation
- Precision die metal cast trim ring
- Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	50W PAR20
E4ICATSB	50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

996P
White Eyeball, White Trim

996SN
Satin Nickel Eyeball,
Satin Nickel Trim

996TBZ
Tuscan Bronze Eyeball,
Tuscan Bronze Trim

Dimensions**
A: 3-3/4" [94mm]
H: 3-1/2" [88mm]
OD: 5" [129mm]

998 Adjustable Eyeball – 30° Tilt

- Adjustable eyeball for PAR16 and R16 lamps only
- 30° tilt, 360° rotation
- Precision die metal cast trim ring
- Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	40W R16
E4ICATSB	40W R16, 45W PAR16

Compatible with Halogen, Incandescent, LED* or CFL* lamps

998P
White Eyeball, White Trim

998SN
Satin Nickel Eyeball,
Satin Nickel Trim

998TBZ
Tuscan Bronze Eyeball,
Tuscan Bronze Trim

Dimensions**
A: 2-1/4" [56mm]
H: 3-1/4" [83mm]
OD: 5" [129mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housings: H99ICAT • E4ICATSB

4002 White Eyeball – 30° Tilt

- Adjustable eyeball for R16 and PAR16 lamps only
- Formed metal trim ring
- Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	40W R16
E4ICATSB	40W R16, 45W PAR16

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4002
White Eyeball, White Trim

Dimensions**
A: 2-1/8" [54mm]
OD: 5" [129mm]

Lenses & Wet Location Showerlights

951 Prismatic Glass Lens with Full Cone Reflector

Showerlight

- Wet location listed for use as Showerlight
- Non-conductive, non-corrosive polymer trim
- Prismatic glass lens
- Full reflector for greatest light distribution
- Friction clip retention
- For use with H99 series housings only
- Shower trim front is non-electrically conductive "dead-front"

Housings	Max Lamp Compatibility
H99ICAT	35W PAR20, 30W R20, (50W PAR20 with H1999 Socket Extender)

Compatible with Halogen, Incandescent, LED* or CFL* lamps

951PS
Full Reflector and Glass Lens, White Trim

951SNS
Full Reflector and Glass Lens, Satin Nickel Trim

951TBZS
Full Reflector and Glass Lens, Tuscan Bronze Trim

Dimensions**
H: 4-1/2" [114mm]
OD: 5" [129mm]

Accessory - H1999 (H99ICAT Only)

Socket Extender

952 Frosted Dome Lens with Cut-Cone Reflector

Showerlight

- Wet location listed for use as Showerlight
- Frosted glass dome shower light
- Non conductive, non corrosive polymer trim ring
- High wall coverage in showers and baths from dome lens
- Friction clip retention
- Shower trim front is non-electrically conductive "dead-front"

Housings	Max Lamp Compatibility
H99ICAT	35W PAR20, 30W R20, (50W PAR20 with H1999 Socket Extender)
E4ICATSB	35W PAR20, 30W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

952PS
Dome Lens, White Trim

Dimensions**
H: 2-5/8" [66mm]
OD: 5" [129mm]

Accessory - H1999 (H99ICAT Only)

Socket Extender

4055 Prismatic Glass Lens with Cut-Cone Reflector

Showerlight

- Wet location listed for use as Showerlight
- Prismatic glass lens
- Friction clip retention
- Non conductive, non corrosive polymer trim ring
- Shower trim front is non-electrically conductive "dead-front"

Housings	Max Lamp Compatibility
H99ICAT	30W R20, 35W PAR20
E4ICATSB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4055
Flat Glass Lens, White Trim

Dimensions**
H: 2-5/8" [67mm]
OD: 5" [129mm]

945 Metropolitan Ice Light

- Frosted glass trim in natural or blue
- For general down lighting
- Friction clip retention

Housings	Max Lamp Compatibility
H99ICAT	30W R20
E4ICATSB	35W PAR20, 30W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

945
Frosted Glass

945B
Frosted Blue Glass

Dimensions**
H: 2-1/8" [54mm]
OD: 5" [129mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-IC Housing

H99TAT

4 INCH

H99TAT

4" Non-IC, Air-Tite, Shallow New Construction Housing, 120V

The H99TAT is a Non-IC Air-Tite™ housing for providing accent, task, and general lighting. The H99T is designed for use in non-insulated ceiling but if insulation is present it MUST be kept 3" from all sides of the housing. Non-IC housing is Air-Tite™ code compliant. May be retrofit with compatible Halo LED lighting systems.

Special Features

- Got Nail!™ bar hangers
- Pass-N-Thru™ bars
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

945	990	996	999	4002	4013
951	992	998	4001	4003	4055
953	993				

Features

Housing
Formed of CRS with white powder coat finish.
- Housing adjusts for ceilings up to 1" thick

Plaster Frame
Galvanized steel construction. The housing can be removed from plaster frame to provide access to the junction box. Plaster frame features include:
- Patented regressed locking screw positioned for securing hanger bars from below the ceiling
- Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket
Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- IP rated (Improper Lamp)

E26 Screw Base Non-IC Housing

H99RTAT

H99RTAT

4" Non-IC, Shallow Remodel Housing, 120V

The H99RTAT is a Non-IC Air-Tite™ housing for providing accent, task, and general lighting. The H99RTAT is designed for use in non-insulated existing ceilings. Non-IC housing is Air-Tite™ code compliant. If insulation is present it must be kept 3 inches away from all sides of housing. For installation from below the ceiling. May be retrofit with compatible Halo LED lighting systems.

Special Features

Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

945	953	993	4001	4013
951	990	998	4002	4055
952	992	999	4003	

Features

Housing
- Formed of CRS with white powder coat finish
- For installation from below the finished ceiling

Remodel Clips
Four remodel clips secure housing and accommodates 1/2" and 5/8" ceiling materials

Junction Box
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Four pry-outs with integral strain relief for non-metallic (NM) sheathed cable

Includes:
- Quick Connect™ push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket
Fixed position porcelain socket with nickel plated brass screw shell provides consistent lamp positioning

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling,with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant
- IP rated (Improper Lamp)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-IC Housing

E4TATSB

4
INCH

E4TATSB

4" Non-IC, Air-Tite, Shallow New Construction Housing, 120V

The E4TATSB is a Non-IC Air-Tite™ housing optimized and listed for EISA compliant tungsten-halogen lamps, CFL and LED lamps, as well as incandescent. Housing features an adjustable socket bracket, and is suitable for residential or commercial applications. Installation in non-insulated ceilings with Air-Tite code compliant construction. If insulation is present it must be kept 3" from all sides of the housing. May be retrofit with compatible Halo LED lighting systems.

Special Features

All-Nail!™ bar hangers
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

945	992	996	999	4002	4010
953	993	998	4001	4003	4055
990					

Features

Housing
- Die-formed CRS with gray powder coat finish

Junction Box
- Seven conduit knockouts are uniform 1/2" size with true pry-out slots
- Four pry-outs with integral strain relief simplify non-metallic (NM) sheathed cable installation
- Three quick connect wire connectors included

Plaster Frame
- Housing is secured in plaster frame with spring barbs
- The housing can be removed from the plaster frame to provide access to the junction box

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket
Adjustable position bracket with porcelain socket and nickel plated brass screw shell provides flexibility in lamp positioning

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

E26 Screw Base Non-IC Housing

E4RTATSB

E4RTATSB

4" Non-IC, Air-Tite, Shallow Remodel Housing, 120V

The E4RTATSB is a remodel Non-IC Air-Tite™ housing optimized and listed for EISA compliant tungsten-halogen lamps, CFL and LED lamps as well as incandescent. Housing features an adjustable socket bracket, and is suitable for residential or commercial applications. Installation in non-insulated ceilings with Air-Tite code compliant construction. If insulation is present it must be kept 3" from all sides of the housing. May be retrofit with compatible Halo LED lighting systems.

Special Features

Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

945	990	998	4002	4010
952	992	999	4003	4055
953	993	4001		

Features

Housing
- Die-formed CRS with gray powder coat finish
- For installation from below the finished ceiling

Remodel Clips
Four remodel clips secure housing and accommodates 1/2" and 5/8" ceiling materials

Junction Box
- Seven conduit knockouts are uniform 1/2" size with true pry-out slots
- Four pry-outs with integral strain relief simplify non-metallic (NM) sheathed cable installation
- Three quick connect wire connectors included

Includes:
- Quick Connect™ push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket
Adjustable position porcelain socket with nickel plated brass screw shell provides flexibility in lamp positioning

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types

Compliance
- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, with select trims
- RoHS compliant
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

Specifications, compliances and dimensions subject to change without notice

Reflectors

999 Precision Metal Reflector

- Precision die cast metal trim ring with metal reflector
- For general down lighting
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	40W R16, 50W R20, 50W PAR20
H99RTAT	
E4TATSB	40W R16, 50W R20
E4RTATSB	40W R16, 50W R20, 50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

999MB
Specular Black Reflector, White Trim

999RG
Residential Gold Reflector, White Trim

999P
Specular Clear Reflector, White Trim

999W
White Reflector, White Trim

999H
Haze Reflector, White Trim

999SN
Satin Nickel Reflector, Satin Nickel Trim

999TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 2-5/8" [67mm]
OD: 5" [129mm]

4003 Reflector

- Specular clear reflector
- Formed metal trim ring
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	40W A19, 50W PAR20, 40W R16, 50W R20
H99RTAT	
E4TATSB	40W A19, 40W R16, 50W R20
E4RTATSB	40W A19, 50W PAR20, 40W R16, 50W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4003
Specular Reflector, White Trim

Dimensions**
H: 2-1/2" [63mm]
OD: 5" [127mm]

Baffles

953 Precision Metal Baffle

- Precision die cast metal trim ring with metal baffle
- For general down lighting
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	50W PAR20, 40W R16, 50W R20
H99RTAT	
E4TATSB	40W R16, 50W R20
E4RTATSB	50W PAR20, 40W R16, 50W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

953W
White Baffle, White Trim

953P
Black Baffle, White Trim

953SN
Satin Nickel Baffle, Satin Nickel Trim

953TBZ
Tuscan Bronze Baffle, Tuscan Bronze Trim

Dimensions**
H: 2-1/2" [63mm]
OD: 5" [129mm]

990 Pinhole Trim

- Precision die cast metal trim ring
- Pinhole aperture for accent lighting
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	40W A19, 50W PAR20, 40W R16, 50W R20
H99RTAT	
E4TATSB	40W A19, 50W PAR20, 50W R20
E4RTATSB	40W A19, 50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

990P
White Pinhole Trim

990SN
Satin Nickel Pinhole Trim

990TBZ
Tuscan Bronze Pinhole Trim

Dimensions**
H: 1-3/4" [44mm]
OD: 5" [129mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H99TAT • H99RTAT • E4TATSB • E4RTATSB

992 Wall Wash with Coilex® Baffle

- Eyelid wall wash
- Coilex® phenolic baffle
- Precision die metal cast trim ring
- 360° rotation in housing allows trim to be aimed at wall
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	40W A19, 40W R16, 50W R20
H99RTAT	40W A19, 50W PAR20, 40W R16, 50W R20
E4TATSB	40W A19, 50W PAR20
E4RTATSB	50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

992W
White Eyelid and Baffle, White Trim

992P
White Eyelid, Black Baffle, White Trim

992SN
Satin Nickel Eyelid, Black Baffle, Satin Nickel Trim

992TBZ
Tuscan Bronze Eyelid, Black Baffle, Tuscan Bronze Trim

Dimensions**
H: 1-1/4" [32mm]
OD: 5" [129mm]

993 Coilex® Baffle

- Precision die cast metal trim ring with Coilex® phenolic baffle
- For general down lighting
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	50W PAR20, 40W R16, 50W R20
H99RTAT	
E4TATSB	
E4RTATSB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

993W
White Baffle, White Trim

993P
Black Baffle, White Trim

993SN
Black Baffle, Satin Nickel Trim

993TBZ
Black Baffle, Tuscan Bronze Trim

Dimensions**
H: 2-1/2" [63mm]
OD: 5" [129mm]

4001 Plastic Baffle

- Step plastic baffle
- Formed metal trim ring
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	50W PAR20, 50W R20
H99RTAT	
E4TATSB	50W PAR20, 40W R16, 50W R20
E4RTATSB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4001WB
White Baffle, White Trim

4001BB
Black Baffle, White Trim

Dimensions**
H: 1-1/8" [28mm]
OD: 5" [129mm]

4010 Metal Baffle

- Metal baffle
- Friction clip retention
- Formed metal trim ring

Housings	Max Lamp Compatibility
E4TATSB	50W PAR20, 40W R16, 50W R20
E4RTATSB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4010WB
White Baffle, White Trim

4010BB
Black Baffle, White Trim

Dimensions**
H: 2-5/8" [67mm]
OD: 5" [129mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

4013 Full Cone Metal Baffle, Self-flange

- Self-flange metal baffle
- Friction clip retention
- For use with H99 series housings only

Housings	Max Lamp Compatibility
H99TAT	**4013WB:** 40W A19, 50W PAR20, 50W R20
H99RTAT	**4013BB:** 50W PAR20, 45W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4013WB
White Baffle, White Trim

4013BB
Black Baffle, White Trim

Dimensions**
H: 4-1/2" [114mm]
OD: 5" [129mm]

Adjustable – Eyeballs & Gimbals

996 Adjustable Eyeball – 15° Tilt

- Adjustable eyeball for use with PAR20 lamps only
- 15° tilt, 360° rotation
- Precision die metal cast trim ring
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	50W PAR20
E4TATSB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

996P
White Eyeball, White Trim

996SN
Satin Nickel Eyeball,
Satin Nickel Trim

996TBZ
Tuscan Bronze Eyeball,
Tuscan Bronze Trim

Dimensions**
A: 3-3/4" [94mm]
H: 3-1/2" [88mm]
OD: 5" [129mm]

998 Adjustable Eyeball – 30° Tilt

- Adjustable eyeball for PAR16 and R16 lamps only
- 30° tilt, 360° rotation
- Precision die metal cast trim ring
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	40W R16, 60W PAR16
H99RTAT	
E4TATSB	
E4RTATSB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

998P
White Eyeball, White Trim

998SN
Satin Nickel Eyeball,
Satin Nickel Trim

998TBZ
Tuscan Bronze Eyeball,
Tuscan Bronze Trim

Dimensions**
A: 2-1/4" [56mm]
H: 3-1/4" [83mm]
OD: 5" [129mm]

4002 White Eyeball – 30° Tilt

- Formed metal trim ring
- Adjustable eyeball trim for R16 and PAR16 lamps only
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	45W PAR16, 40W R16
H99RTAT	
E4TATSB	
E4RTATSB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4002
White Eyeball, White Trim

Dimensions**
A: 2-1/8" [54mm]
OD: 5" [127mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H99TAT • H99RTAT • E4TATSB • E4RTATSB

Lenses & Wet Location Showerlights

951 Prismatic Glass Lens with Full Cone Reflector

Showerlight

- Wet location listed for use as Showerlight
- Non-conductive, non-corrosive polymer trim
- Prismatic glass lens
- Full reflector for greatest light distribution
- Friction clip retention
- For use with H99 series housings only
- Shower trim front is non-electrically conductive "dead-front"

Housings	Max Lamp Compatibility
H99TAT	40W A19, 50W R20, 50W PAR20
H99RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

951PS
Full Reflector and Glass Lens, White Trim

951SNS
Full Reflector and Glass Lens, Satin Nickel Trim

951TBZS
Full Reflector and Glass Lens, Tuscan Bronze Trim

Dimensions**
H: 4-1/2" [114mm]
OD: 5" [129mm]

952 Frosted Dome Lens with Cut-Cone Reflector

Showerlight

- Frosted glass dome Showerlight
- Wet location listed
- Non conductive, non corrosive polymer trim ring
- High wall coverage in showers and baths from dome lens
- Friction clip retention
- Shower trim front is non-electrically conductive "dead-front"

Housings	Max Lamp Compatibility
H99TAT	40W A19, 50W R20, 50W PAR20
H99RTAT	
E4TATSB	
E4RTATSB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

952PS
Dome Lens, White Trim

Dimensions**
H: 2-5/8" [66mm]
OD: 5" [129mm]

4055 Prismatic Glass Lens with Cut-Cone Reflector

Showerlight

- Lens wet location trim
- Friction clip retention
- Shower trim front is non-electrically conductive "dead-front"

Housings	Max Lamp Compatibility
H99TAT	40W A19, 50W PAR20, 50W R20
H99RTAT	
E4TATSB	
E4RTATSB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4055
Flat Glass Lens, White Trim

Dimensions**
H: 2-5/8" [67mm]
OD: 5" [129mm]

945 Metropolitan Ice Light

- Frosted glass trim in natural or blue
- For general down lighting
- Friction clip retention

Housings	Max Lamp Compatibility
H99TAT	50W PAR20, 50W R20
H99RTAT	
E4TATSB	
E4RTATSB	50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

945
Frosted Glass

945B
Frosted Blue Glass

Dimensions**
H: 2-1/8" [54mm]
OD: 5" [129mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

Low Voltage MR16 IC Housing

H1499ICAT

4 INCH

H1499ICAT

4" IC, Air-Tite, New Construction, 120V – 12V Low Voltage, MR16

H1499ICAT housing features an integral low voltage magnetic transformer that supplies 12 volts to MR16 lamps. The H1499ICAT is for installations where the housing will be in direct contact with insulation*. Air-Tite™ housing designed to restrict air flow between conditioned spaces and unconditioned areas.

Special Features

- Got Nail!™ bar hangers
- Pass-N-Thru™ bars
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

1419	1421	1493	1496	1498	1946
1420	1453	1495	1497	1945	1951

Features

Housing

- Double wall aluminum construction for greater heat dissipation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- Galvanized steel die-formed construction
- The inner housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Air-Tite aperture gasket is pre-installed
  - Halo identity embossed on plaster frame

Includes:

- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket

GU5.3 socket with reflector plate for bi-pin 12V MR16 lamps

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping

Transformer

Integral 120V magnetic transformer steps line voltage down to 12V lamp operating voltage. For MR16 lamps up to 50W.

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation* and combustible material
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

*Not to be used in direct contact with spray foam insulation (consult NEMA LSD57-2013)

Low Voltage MR16 Non-IC Housing

H1499TAT

H1499TAT

4" Non-IC, Air-Tite, Shallow New Construction, 120 – 12V Low Voltage, MR16

H1499TAT is a Non-IC Air-Tite™ housing with an integral low voltage magnetic transformer that supplies 12 volts to MR16 lamps. The H1499TAT is designed for use in non-insulated ceilings. If insulation is present it must be kept 3 inches away from all sides of housing. Non-IC housing is Air-Tite™ to meet restricted airflow code requirements.

Special Features

- Got Nail!™ bar hangers
- Pass-N-Thru™ bars
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

1419	1421	1493	1496	1498	1946
1420	1453	1495	1497	1945	1951

Features

Housing
Formed of CRS with white powder coat finish

Plaster Frame
- Galvanized steel die-formed construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo identity embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket
GU5.3 socket with reflector plate for bi-pin 12V MR16 lamps

Transformer
Integral 120V magnetic transformer steps line voltage down to 12V lamp operating voltage. For MR16 lamps up to 50W.

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- IP rated (Improper Lamp)

Specifications, compliances and dimensions subject to change without notice

Low Voltage MR16 Non-IC Housing

H1499TCP

H1499TCP

4" Non-IC, New Construction, 120V/277V – 12V Low Voltage, MR16, Chicago Plenum

H1499TCP is a Non-IC housing designed for non-insulated Chicago Plenum rated ceilings. H1499TCP features an integral low voltage dual-tap 120V/277V transformer that supplies 12 volts to MR16 lamps. H1499TCP is for non-insulated ceilings. If installed in insulated ceilings, insulation must be kept 3 inches away from all sides of housing.

Special Features

Got Nail!™ bar hangers
Pass-N-Thru™ bars
Quick Connect™ push wire nuts

Compatible Trims

1419	1421	1493	1496	1498	1946
1420	1453	1495	1497	1945	1951

Features

Housing
Formed of CRS with white powder coat finish

Plaster Frame
- Galvanized steel die-formed construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo identity embossed on plaster frame

Junction Box:
- Positioned to accommodate straight conduit runs
- Six 1/2" trade size conduit knockouts
- Gasketed junction box per Chicago Plenum standards

Includes:
- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)
- Chicago Plenum

Transformer
Integral 120/277V dual-tap magnetic transformer steps line voltage down to 12V nominal lamp operating voltage. Rated for 50W max. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to wiring diagram).

Socket
GU5.3 socket with reflector plate for bi-pin 12V MR16 lamps

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping

Compliance
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- City of Chicago Plenum

Low Voltage MR16 Non-IC Housing

H1499RTAT

H1499RTAT

4" Non-IC, Shallow Remodel 120V – 12V Low Voltage, MR16

H1499RTAT is a Non-IC Air-Tite™ remodel housing with an integral low voltage magnetic transformer that supplies 12 volts to MR16 lamps. The H1499RTAT is designed for use in non-insulated existing ceilings. If insulation is present it must be kept 3 inches away from all sides of housing. For installation from below the ceiling. Non-IC housing is Air-Tite™ to meet restricted air flow requirements.

Special Features

Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

1419	1421	1493	1496	1498	1946
1420	1453	1495	1497	1945	1951

Features

Housing
Formed of CRS with white powder coat finish

Remodel Clips
Four remodel clips secure housing and accommodates 1/2" and 5/8" ceiling materials

Junction Box
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Four pry-outs with integral strain relief for non-metallic (NM) sheathed cable

Includes:
- Quick Connect™ push wire nuts (Details Pg. 11)
- Air-Tite™ code compliant (Details Pg. 11)

Socket
GU5.3 socket with reflector plate for bi-pin 12V MR16 lamps

Transformer
Integral 120V magnetic transformer steps line voltage down to 12V nominal lamp operating voltage. For MR16 lamps up to 50W.

Support Spring
Support spring helps support weight of junction box and transformer. Automatically adjusts for different ceiling materials.

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential

Specifications, compliances and dimensions subject to change without notice

H1499T75

4" Non-IC, New Construction, 120V/277V – 12V Low Voltage, MR16

H1499T75 is a low voltage housing for providing accent, task, and general lighting with up to 75W 12V MR16 lamps. The H1499T75 features a dual-tap transformer for 120V or 277V input. H1499T75 is for non-insulated ceilings. If installed in insulated ceilings, insulation must be kept 3 inches away from all sides of housing.

RoHS Compliant

c UL us LISTED

Special Features

Got Nail!™ bar hangers
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible Trims

1419	1421	1493	1496	1498	1946
1420	1453	1495	1497	1945	

Features

Housing
Formed of CRS with white powder coat finish

Plaster Frame
- Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 11)
- Pass-N-Thru™ bars (Details Pg. 11)
- Slide-N-Side™ junction box wire traps (Details Pg. 11)
- Quick Connect™ push wire nuts (Details Pg. 11)

Transformer
Integral 120/277V dual-tap magnetic transformer steps line voltage down to 12V nominal lamp operating voltage. Rated for 50W max. Housing ships as 277V model with 120V transformer wire lead capped. For use in 120V systems, simply cap the 277V wire lead and use 120V lead (refer to wiring diagram).

Socket
GU5.3 socket with reflector plate for bi-pin 12V MR16 lamps

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping

Compliance
- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- IP Rated (Improper Lamp)

Reflectors

1421 Precision Reflector – 35° Tilt

- Precision die cast metal trim ring with spun reflector cone
- Provides general illumination
- 35° Tilt
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings		Max Lamp Compatibility
H1499TAT	H1499RTAT	50W 12V MR16
H1499ICAT	H1499TCP	
H1499T75		75W 12V MR16

1421MB
Black Specular Reflector, White Trim

1421W
White Reflector, White Trim

1421H
Haze Reflector, White Trim

1421C
Clear Specular Reflector, White Trim

1421RG
Residential Gold Reflector, White Trim

1421CG
Champagne Gold Reflector, White Trim

1421SN
Satin Nickel Reflector, Satin Nickel Trim

1421TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 1-3/8" [33mm]
OD: 5" [129mm]

****Key: H:** Height, **OD:** Trim Outside Diameter

H4 Low Voltage Trims

Low Voltage Housings: H1499ICAT • H1499TAT • H1499TCP • H1499RTAT • H1499T75

Baffles

1493 Coilex® Baffle – 35° Tilt

- Precision die cast metal trim ring
- Coilex® phenolic baffle
- Provides general illumination
- 35° tilt
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	
H1499T75	75W 12V MR16

1493W
White Coilex Baffle, White Trim

1493P
Black Coilex Baffle, White Trim

1493BC
Black Coilex Baffle, Black Chrome Trim

1493TBZ
Black Coilex Baffle, Tuscan Bronze Trim

Dimensions**
H: 1-3/8" [33mm]
OD: 5" [129mm]

1453 Precision Metal Baffle – 35° Tilt

- Precision die cast metal trim ring with matching finish metal baffle
- Provides general illumination
- 35° tilt
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	
H1499T75	75W 12V MR16

1453SN
Satin Nickel Baffle, Satin Nickel Trim

1453TBZ
Tuscan Bronze Baffle, Tuscan Bronze Trim

Dimensions**
H: 1-1/4" [30mm]
OD: 5" [129mm]

1419 Pinhole Baffle

- 1-7/8" pinhole opening
- Precision die cast metal trim ring with metal baffle
- For concentrated accent lighting
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	
H1499T75	75W 12V MR16

1419W
White Baffle, White Trim

1419P
Black Baffle, White Trim

1419SN
Black Baffle, Satin Nickel Trim

1419TBZ
Black Baffle, Tuscan Bronze Trim

Dimensions**
A: 1-7/8" [46mm]
H: 1-3/8" [33mm]
OD: 5" [129mm]

Key: A: Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

Adjustable – Eyeballs & Gimbals

1420 Adjustable Slot Aperture – 35° Tilt

- Precision die cast metal trim ring with slot aperture
- For directional accent lighting
- 35° tilt, 360° rotation
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	
H1499T75	75W 12V MR16

1420P
Slot Aperture, White Trim

1420SN
Slot Aperture, Satin Nickel Trim

1420TBZ
Slot Aperture, Tuscan Bronze Trim

Dimensions**
A: 2-1/8" x 1-3/8" [53mm x 35mm]
H: 1-1/4" [32mm]
OD: 5" [129mm]

1495 Adjustable Gimbal – 30° Tilt

- Precision die cast metal trim ring and gimbal
- For directional accent lighting
- 30° tilt, 360° rotation
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	
H1499T75	75W 12V MR16

1495
White Gimbal, White Trim

1495SN
Satin Nickel Gimbal, Satin Nickel Trim

1495TBZ
Tuscan Bronze Gimbal, Tuscan Bronze Trim

Dimensions**
A: 1-3/4" [44mm]
H: 1-1/4" [30mm]
OD: 5" [129mm]

1496 Retractable Elbow – 60° Tilt

- Precision die cast metal trim ring with matching finish retractable elbow
- For directional accent lighting
- 60° tilt, 360° rotation
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	
H1499T75	75W 12V MR16

1496P
White Elbow, White Trim

1496SN
Satin Nickel Elbow, Satin Nickel Trim

1496TBZ
Tuscan Bronze Elbow, Tuscan Bronze Trim

Dimensions**
A: 1-3/4" [44mm]
H: 1-1/8" [29mm]
OD: 5" [129mm]

1497 Adjustable Mirror Trim – 90° Tilt

- Precision die cast metal trim ring with 90° adjustable scoop
- For directional accent lighting – ideal for wall wash applications
- 90° tilt, 360° rotation
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	
H1499T75	75W 12V MR16

1497P
White Scoop, White Trim

Dimensions**
OD: 5" [129mm]

Key: A: Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

H4 Low Voltage Trims

Low Voltage Housings: H1499ICAT • H1499TAT • H1499TCP • H1499RTAT • H1499T75

1498 Adjustable Eyeball with Baffle – 30° Tilt

- Precision die cast metal trim ring with matching finish eyeball
- For directional accent lighting
- 30° tilt, 360° rotation
- Friction clip "cat paw" retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499ICAT H1499TCP	
H1499T75	75W 12V MR16

1498W
White Eyeball, White Baffle, White Trim

1498P
White Eyeball, Black Baffle, White Trim

1498BC
Black Chrome Eyeball, Black Baffle, Black Chrome Trim

1498SN
Satin Nickel Eyeball, Black Baffle, Satin Nickel Trim

1498TBZ
Tuscan Bronze Eyeball, Black Baffle, Tuscan Bronze Trim

Dimensions**
A: 2" [51mm]
H: 2-5/8" [67mm]
OD: 5" [129mm]

Lenses & Wet Location Showerlights

1945 Metropolitan Ice Light

- Frosted glass trim in clear or blue
- Provides general illumination
- Friction clip retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499TCP	
H1499ICAT	42W 12V MR16
H1499T75	75W 12V MR16

1945
Frosted Clear Glass

1945B
Frosted Blue Glass

Dimensions**
H: 3-1/8" [79mm]
OD: 5-3/8" [135mm]

1946 Metropolitan Deco

- Polished metallic accents with translucent rings
- Provides general illumination
- Friction clip retention
- Clear cover glass included with each trim, for use with non-cover glass MR16 lamps

Housings	Max Lamp Compatibility
H1499TAT H1499RTAT	50W 12V MR16
H1499TCP	
H1499ICAT	42W 12V MR16
H1499T75	75W 12V MR16

1946BC
Black Chrome Accent, Translucent Ring

Dimensions**
H: 1-5/8" [41mm]
OD: 5-5/8" [143mm]

1951 Regressed Clear Lens Showerlight

Showerlight

- Wet location listed for use in showers
- Non-conductive, non-corrosive polymer trim and fixed clear glass lens
- Clear specular splay reflector
- 15° tilt, 360° rotation
- Friction clip retention

Housings	Max Lamp Compatibility
H1499TAT H1499ICAT	35W 12V MR16
H1499TCP	
H1499RTAT	50W 12V MR16

1951PS
Clear Specular Splay Reflector, White Trim

1951SNS
Clear Specular Splay Reflector, Satin Nickel Trim

1951TBZS
Clear Specular Splay Reflector, Tuscan Bronze Trim

Dimensions**
H: 2-1/2" [63mm]
OD: 5" [129mm]

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5 INCH

5" E26 Screw Base

IC Housings 203
IC Trims 208
IC Housings – No Socket Bracket 217
IC Trims – No Socket Bracket 220
Non-IC Housings 230
Non-IC Trims 234
Non-IC Housings – No Socket Bracket 242
Non-IC Trims – No Socket Bracket 244

IC = Insulated Ceiling **Non-IC = Non-Insulated Ceiling**

E26 Screw Base Insulated Ceiling Housings & Trims

Quick Reference – IC

Trim #	Style	H5ICAT	H5RICAT	E5ICAT	E5RICAT	H25ICAT	H5ICATNB	E5ICATNB	H25ICATNB
5000	Splay	•	•	•	•	•	•	•	•
5001	Baffle	•	•	•	•	—	•	•	—
5010	Baffle	•	•	•	•	—	•	•	—
5014	Baffle	•	•	•	•	•	•	•	•
5016	Baffle	•	•	•	•	—	•	•	—
5020	Reflector	•	•	•	•	—	•	•	—
5021	Reflector	•	•	•	•	—	•	•	—
5051	Showerlight	•	•	•	•	—	•	•	—
5054	Showerlight	•	•	•	•	•	•	•	•
5060	Adjustable	•	•	•	•	•	•	•	•
5070	Adjustable	•	•	•	•	•	•	•	•
5071	Adjustable	•	•	•	•	•	•	•	•
5102	Baffle	•	•	•	•	•	—	—	—
5107	Reflector	•	•	•	•	•	—	—	—
5109	Baffle	•	•	•	•	•	—	—	—
5110	Baffle	•	•	•	•	•	—	—	—
5120	Reflector	•	•	•	•	—	•	•	—
5121	Reflector	•	•	•	•	•	•	•	•
5125	Baffle	•	•	•	•	—	•	•	—
5126	Baffle	•	•	•	•	•	•	•	•
5130	Adjustable	•	•	•	•	•	•	•	•
5135	Adjustable	•	•	•	•	•	•	•	•
5145	Open Showerlight	•	•	•	•	•	•	•	•
5146	Open Showerlight	•	•	•	•	—	•	•	—
5150	Showerlight	•	•	•	•	•	•	•	•
5162	Showerlight	•	•	•	•	•	•	•	•
5165	Adjustable	•	•	•	•	•	•	•	•
5175	Open	•	•	•	•	•	—	—	—
5176	Open	•	•	•	•	•	•	•	•
5185	Splay	•	•	•	•	•	—	—	—
5186	Splay	•	•	•	•	•	•	•	•
5222	Adjustable	•	•	•	•	—	•	•	—
5230	Showerlight	•	•	•	•	—	•	•	—
5255	Showerlight	•	•	•	•	—	•	•	—

E26 Screw Base IC Housing

H5ICAT

H5ICAT

5" IC, Air-Tite, New Construction Housing, 120V

The H5ICAT recessed housing is designed for residential and light commercial applications. H5ICAT features full-frame robust construction, feed through listing, Got Nail! bar hangers, and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5ICAT is designed for use in insulated ceilings and may be in direct contact with insulation*. May be retrofit with compatible Halo LED lighting systems.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

5000	5021	5102	5125	5150	5185
5001	5051	5107	5126	5162	5186
5010	5054	5109	5130	5165	5222
5014	5060	5110	5135	5175	5230
5016	5070	5120	5145	5176	5255
5020	5071	5121	5146		

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall aluminum housing
- Sealed and gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame
  - Pre-installed Air-Tite ready ceiling contact gasket

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base IC Housing

H5RICAT

H5RICAT

5" IC, Air-Tite, Remodel Housing, 120V

The H5RICAT recessed housing is designed for residential and light commercial applications. H5RICAT remodel housing features robust construction and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5RICAT is for use in insulated ceilings and may be in direct contact with insulation*. Remodel housing is designed for installation from below the finished ceiling. May be retrofit with compatible Halo LED lighting systems.

Special Features

Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

5000	5021	5102	5125	5150	5185
5001	5051	5107	5126	5162	5186
5010	5054	5109	5130	5165	5222
5014	5060	5110	5135	5175	5230
5016	5070	5120	5145	5176	5255
5020	5071	5121	5146		

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Gasketed die-stamped aluminum
- Pre-installed Air-Tite™ ready ceiling contact gasket on flange
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Remodel Springs
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Junction Box
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Four type non-metallic (NM) cable pry-outs simplify installation

Includes:
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Housing

E5ICAT

E5ICAT

5" IC, Air-Tite, New Construction Housing, 120V

The E5ICAT is a compact and efficient recessed housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. E5ICAT housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings; with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with Halo LED lighting systems.

Special Features

All-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

5000	5021	5102	5125	5150	5185
5001	5051	5107	5126	5162	5186
5010	5054	5109	5130	5165	5222
5014	5060	5110	5135	5175	5230
5016	5070	5120	5145	5176	5255
5020	5071	5121	5146		

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base IC Housing

E5RICAT

E5RICAT

5" IC, Air-Tite, Remodel Housing, 120V

The E5RICAT is a compact and efficient recessed housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. E5RICAT remodel housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings; with Air-Tite code compliant construction. Remodel housing is designed for installation from below the finished ceiling. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with Halo LED lighting systems.

Special Features

Hinged j-box with Slide-N-Side™
Quick Connect™ wiring tray
Air-Tite™ code compliant

Compatible Trims

5000	5021	5102	5125	5150	5185
5001	5051	5107	5126	5162	5186
5010	5054	5109	5130	5165	5222
5014	5060	5110	5135	5175	5230
5016	5070	5120	5145	5176	5255
5020	5071	5121	5146		

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed aluminum housing
- Die formed flange maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, flange and finished ceiling - without need for additional caulk
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Remodel Retention System - Speed Clamps
- Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling material

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ wiring tray (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray
- (3) Color coded 4-port push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- No additional wire nuts required

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Housing

H25ICAT

H25ICAT

5" IC, Air-Tite, Shallow New Construction Housing, 120V

The H25ICAT recessed housing is designed for residential and light commercial applications. The H25ICAT is designed for use in shallow ceilings and features full-frame robust construction, feed through listing, Got Nail! bar hangers; and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H25ICAT is designed for use in shallow insulated ceilings and may be in direct contact with insulation*. May be retrofit with compatible Halo LED lighting systems.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

5000	5070	5109	5130	5162	5176
5014	5071	5110	5135	5165	5185
5054	5102	5121	5145	5175	5186
5060	5107	5126	5150		

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall aluminum housing
- Sealed and gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame
  - Pre-installed Air-Tite ready ceiling contact gasket

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snaps into trim for consistent lamp positioning
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base Trims

IC Housings: H5ICAT • H5RICAT • E5ICAT • E5RICAT • H25ICAT

Reflectors

5020 PAR Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5ICAT	75W PAR30S, 60W R30, 60W BR30
H5RICAT	50W PAR30S, 50W PAR30L, 60W BR30
E5ICAT	**5020P, 5020H, 5020SC, 5020BL:** 60W PAR30S, 60W BR30
E5RICAT	**5020SN, 5020TBZ:** 60W PAR30S, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5020P
White Reflector, White Trim

5020H
Haze Reflector, White Trim

5020SC
Clear Specular Reflector, White Trim

5020BL
Black Specular Reflector, White Trim

5020SN
Satin Nickel Reflector, Satin Nickel Trim

5020TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 3-1/4" [82mm]
OD: 6-3/8" [162mm]

5021 Full Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- For use with A-lamps
- Socket supporting

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	40W A19
E5ICAT	E5RICAT	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5021H
Haze Reflector, White Trim

5021SC
Clear Specular Reflector, White Trim

5021TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 5" [127mm]
OD: 6-3/8" [162mm]

5107 Specular Reflector, Self-flange

- Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	50W PAR30S, 75W PAR30L, 65W BR30
E5ICAT	E5RICAT	
H25ICAT		50W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5107SC
Specular Reflector, White Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 2-3/8" [60mm]
OD: 6-5/8" [168mm]

5120 Full Cone Reflector, Self-flange

- Full cone reflector
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	**5120WH:** 29W A19, 50W PAR30S, 60W PAR30L, 65W BR30
E5ICAT	E5RICAT	**5120SN, 5120TBZ:** 29W A19, 50W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5120WH
White Reflector, White Self-flange

5120SN
Satin Nickel Reflector, Satin Nickel Self-flange

5120TBZ
Tuscan Bonze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT E5ICAT E5RICAT	50W PAR30S, 75W PAR30L, 65W BR30
H25ICAT	50W PAR20, 50W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5121WH
White Reflector, White Oversize Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 5-1/3" [135mm]
OD: 6-5/8" [168mm]

Baffles

5001 PAR Metal Baffle Splay

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5ICAT	35W PAR20, 75W PAR30S, 65W BR30, 30W R20
H5RICAT	35W PAR20, 50W PAR30S, 50W PAR30L, 60W BR30, 30W R20
E5ICAT	**5001P:** 35W PAR20, 60W PAR30S, 60W PAR30L, 65W BR30
E5RICAT	**5001MB, 5001SN, 5001TBZ:** 35W PAR20, 60W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5001P
White Baffle, White Trim

5001MB
Black Baffle, White Trim

5001SN
Satin Nickel Baffle, Satin Nickel Trim

5001TBZ
Tuscan Bronze Baffle, Tuscan Bronze Trim

Dimensions**
H: 6-1/8" [152mm]
OD: 6-3/8" [156mm]

5010 PAR Metal Step Baffle

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5ICAT	75W PAR30S, 60W R30, 60W BR30
H5RICAT	50W PAR30S, 50W PAR30L, 60W BR30
E5ICAT	60W PAR30S, 60W PAR30L, 60W BR30
E5RICAT	50W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5010W
White Baffle, White Trim

5010
Black Baffle, White Trim

Dimensions**
H: 2" [52mm]
OD: 6-3/8" [156mm]

5014 Shallow Metal Baffle, Self-flange

- For use in shallow housing
- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Socket supporting

Housings	Max Lamp Compatibility
H5ICAT H5RICAT E5ICAT E5RICAT	50W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5014P
White Baffle, White Trim

5014MB
Black Baffle, White Trim

Dimensions**
A: 4-3/4" [121mm]
H: 2-3/8" [60mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housings: H5ICAT • H5RICAT • E5ICAT • E5RICAT • H25ICAT

5016 Coilex® Baffle with Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	60W PAR30S, 60W PAR30L, 50W BR30
E5ICAT E5RICAT	60W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5016W
White Baffle, White Trim

5016P
Black Baffle, White Trim

Dimensions**
H: 6-3/4" [171mm]
OD: 6-3/8" [162mm]

5102 Tapered Metal Baffle, Self-flange

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT E5ICAT E5RICAT	50W PAR30S, 75W PAR30L, 65W BR30
H25ICAT	50W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5102WB
White Baffle, White Self-flange

5102BB
Black Baffle, White Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 2-3/8" [60mm]
OD: 6-5/8" [168mm]

5109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT E5ICAT E5RICAT	50W PAR30S, 60W PAR30L, 60W BR30
H25ICAT	39W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5109WB
White Plastic Straight Coilex Baffle, White Self-flange

5109BB
Black Plastic Straight Coilex Baffle, White Self-flange

5109BKBB
Black Plastic Straight Coilex Baffle, Black Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 2-3/8" [60mm]
OD: 6-5/8" [168mm]

5110 Perftex™ Baffle, Self-flange

- Perforated pattern baffle contoured for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT E5ICAT E5RICAT	50W PAR30S, 60W PAR30L, 50W BR30
H25ICAT	**5110WB:** 39W PAR30S, 60W PAR30L, 50W BR30 **5110BB, 5110BKBB:** 39W PAR30S, 60W PAR30L, 40W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5110WB
White Perftex Baffle, White Self-flange

5110BB
Black Perftex Baffle, White Self-flange

5110BKBB
Black Perftex Baffle, Black Self-flange

Dimensions**
A: 5-1/2" [141mm]
H: 2-1/8" [55mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5125 Full Cone Baffle, Self-flange

- Full cone baffle trim
- Torsion springs retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	**5125WB:** 29W A19, 50W PAR30S, 60W PAR30L, 65W BR30
E5ICAT E5RICAT	**5125BB & 5125BKBB:** 29W A19, 50W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5125WB
White Baffle, White Self-flange

5125BB
White Baffle, Black Self-flange

5125BKBB
Black Baffle, Black Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

5126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle
- Torsion springs retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	50W PAR30S, 75W PAR30L, 65W BR30
E5ICAT E5RICAT	
H25ICAT	**5126WB:** 50W PAR20, 50W PAR30S, 75W PAR30L, 65W BR30 **5126BB:** 50W PAR20, 50W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5126WB
White Baffle, White Self-flange

5126BB
Black Baffle, White Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 5-1/3" [135mm]
OD: 6-5/8" [168mm]

Adjustable – Eyeballs & Gimbals

5060 Adjustable Gimbal 20° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion springs retention
- 20° tilt - 360° rotation
- Socket supporting

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	50W PAR30S
E5ICAT E5RICAT	
H25ICAT	50W PAR30S, 50W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5060P
White Gimbal, White Trim

Dimensions**
H: 3-1/4" [82mm]
OD: 6-3/8" [162mm]

5070 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion springs retention
- 30° tilt - 360° rotation
- Socket supporting

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	
E5ICAT E5RICAT	75W PAR30S
H25ICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5070P
White Eyeball, White Trim

5070SN
Satin Nickel Eyeball, Satin Nickel Trim

5070TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 3-7/8" [98mm]
H: 3-3/8" [86mm]
OD: 6-3/8" [162mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housings: H5ICAT • H5RICAT • E5ICAT • E5RICAT • H25ICAT

5071 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion springs retention
- 30° tilt - 360° rotation
- Socket supporting

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	50W PAR20, 50W R20
E5ICAT	E5RICAT	50W PAR20
H25ICAT		50W PAR20, 50W R20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5071P
White Eyeball, White Trim

Dimensions**
OD: 6-1/2" [165mm]

5130 Eyeball 35° Tilt, Self-flange

- Adjustable 35° tilt, 360° rotation
- Design optimized for PAR30S (short-neck) lamp
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	
E5ICAT	E5RICAT	75W PAR30S
H25ICAT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5130WH
White Eyeball, White Trim

Dimensions**
A: 3-7/8" [98mm]
H: 2-1/4" [58mm]
OD: 6-5/8" [168mm]

5135 Eyeball 35° Tilt, Self-flange

- Conical adjustable eyeball trim for PAR20 lamp
- Torsion spring retention
- Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	
E5ICAT	E5RICAT	50W PAR20
H25ICAT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5135WH
White Eyeball, White Trim, Self-flange

Dimensions**
A: 2-3/4" [70mm]
H: 2-1/4" [58mm]
OD: 6-5/8" [168mm]

5165 Gimbal 35° Tilt, Self-flange

- Adjustable gimbal trim for PAR30S (short-neck) lamp
- Torsion spring retention
- Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	
E5ICAT	E5RICAT	50W PAR30S
H25ICAT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5165WH
White Gimbal, White Trim

5165BK
Black Gimbal, Black Trim

5165SN
Satin Nickel Gimbal, Satin Nickel Trim

5165TBZ
Tuscan Bronze Gimbal, Tuscan Bronze Trim

Dimensions**
A: 3-3/8" [85mm]
H: 1-1/8" [29mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5222 Regressed Angle Cut Adjustable Gimbal, 30° Tilt, Self-flange

- Fully regressed gimbal
- Torsion spring retention
- 30° tilt, 360° rotation
- Socket supporting
- Angle cut - cone reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	39W PAR30S, 60W PAR30L
E5ICAT	E5RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5222WB
White Baffle & Gimbal, White Trim

5222BB
Black Baffle & Gimbal, White Trim

5222SC
Specular Clear Reflector & Gimbal, White Trim

5222H
Haze Reflector & Gimbal, White Trim

Dimensions**
A: 5"127mm]
H: 3-1/8" [79mm]
OD: 6-5/8" [168mm]

Lenses & Wet Location Showerlights

5051 Frosted Glass Lens

Showerlight

- Frosted glass lens
- Straight precision sided trim
- "Dead-Front" construction, wet location listed Showerlight
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	35W PAR30L
E5ICAT	E5RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5051PS
Frosted Glass Lens, White Trim

Dimensions**
H: 5-9/16" [141mm]
OD: 6-7/16" [164mm]

5054 Frosted Glass Dome Lens

airflow™ Showerlight

- Frosted glass dome lens
- Straight precision sided trim ring
- "Dead-Front" construction, wet location listed Showerlight
- Non conductive, non corrosive gasketed polymer trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility
H5ICAT	H5RICAT	40W A19, 50W PAR30S
E5ICAT	E5RICAT	
H25ICAT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5054PS
Frosted Glass Dome, White Trim

5054SNS
Frosted Glass Dome, Satin Nickel Trim

5054TBZS
Frosted Glass Dome, Tuscan Bronze Trim

Dimensions**
LH: 1-3/4" [45mm]
H: 4-1/2" [114mm]
OD: 6-3/8" [162mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housings: H5ICAT • H5RICAT • E5ICAT • E5RICAT • H25ICAT

5150 Low Profile, Frosted Glass Dome Lens, Self-flange

Showerlight

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	29W A19, 39W PAR30S
E5ICAT E5RICAT	
H25ICAT	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

5150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

5150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 4-1/2" [114mm]
H: 5" [126mm]
OD: 6-5/8" [168mm]

5162 Drop Opal Plastic Lens, Self-flange

Showerlight

- Drop opal plastic lens
- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	
E5ICAT E5RICAT	29W A19
H25ICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5162WH
Drop Opal Plastic Lens with Reflector, White Plastic Self-flange

Dimensions**
A: 4-1/2" [114mm]
H: 5-5/8" [118mm]
OD: 6-5/8" [168mm]

5230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25° for precise alignment with room

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	Consult website
E5ICAT E5RICAT	www.eaton.com/lighting

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

5230PN
Frost Glass Lens, Polished Nickel Squircle Trim

5230SN
Frost Glass Lens, Satin Nickel Squircle Trim

5230TBZ
Frost Glass Lens, Tuscan Bronze Squircle Trim

5255 Soft Square, Frost Curved Glass Lens, Self-flange

Showerlight

- Low profile cured frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim and glass lens
- Integral rotation adjustment up to +/– 25° for precise alignment with room
- Integrated Socket Supporting reflector for illumination across lens corner-to-corner

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	29W A19
E5ICAT E5RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

5255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

5255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
D: 1" [26mm]
H: 5-1/2" [140mm]
OD: 6-7/8" [174mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5145 Open Wet Location, Shallow Reflector, Self-flange

Showerlight

- Open wet location Showerlight for PAR30 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- For use in standard and shallow housings

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	**5145WH:** 75W PAR30S, 75W PAR30L
E5ICAT E5RICAT	**5145SN, 5145TBZ:** 60W PAR30S, 75W PAR30L
H25ICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5145WH
White Self-flange

5145SN
Satin Nickel Self-flange

5145TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 4-5/8" [117mm]
D: 5/8" [16mm]
H: 5-3/8" [138mm]
OD: 6-5/8" [168mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

5146 Open Wet Location Full Reflector, Self-flange

Showerlight

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	50W PAR30S, 60W PAR30L
E5ICAT E5RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5146WH
White Self-flange

5146SN
Satin Nickel Self-flange

5146TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

Open, Splay & Wall Wash

5000 PAR Metal Splay, Self-flange

- Straight precision sided trim ring (fixed, not remodeled)
- Open metal splay trim
- Dual socket position socket for BR and PAR lamps
- Torsion spring retention
- Socket supporting

Housings	Max Lamp Compatibility
H5ICAT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
H5RICAT	50W PAR30S, 75W PAR30L, 60W BR30
H25ICAT	50W PAR30S, 50W PAR30L, 60W BR30
E5ICAT	**5000P:** 50W PAR30S, 60W PAR30L, 60W BR30
E5RICAT	**5000SN, 5000TBZ:** 60W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5000P
White Splay, White Trim

5000SN
Satin Nickel Splay,
Satin Nickel Trim

5000TBZ
Tuscan Bronze Splay,
Tuscan Bronze Trim

Dimensions**
H: 4-5/8" [118mm]
OD: 6-3/8" [162mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housings: H5ICAT • H5RICAT • E5ICAT • E5RICAT • H25ICAT

5175 Open, Wide Self-flange

- Open trim for BR & PAR lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	**5175WH:** 39W PAR30S, 75W PAR30L, 65W BR30
E5ICAT E5RICAT	**5175SN, 5175TBZ:** 39W PAR30S, 60W PAR30L, 50W BR30
H25ICAT	39W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5175WH
White Self-flange

5175SN
Satin Nickel Self-flange

5175TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 3/4" [19mm]
OD: 6-5/8" [168mm]

5176 Open, Wide Self-flange

- Open trim for BR & PAR lamps
- Torsion spring retention
- Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	60W PAR30S, 60W PAR30L, 50W BR30
E5ICAT E5RICAT	
H25ICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5176WH
White Self-flange

5176SN
Satin Nickel Self-flange

5176TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 4-3/4" [120mm]
OD: 6-5/8" [168mm]

5185 Open, Splay Self-flange

- Splay trim for BR & PAR lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	**5185WH:** 39W PAR30S, 60W PAR30L, 65W BR30
E5ICAT E5RICAT	**5185SN, 5185TBZ:** 39W PAR30S, 60W PAR30L, 50W BR30
H25ICAT	39W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5185WH
White Self-flange

5185SN
Satin Nickel Self-flange

5185TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 1" [27mm]
OD: 6-5/8" [168mm]

5186 Splay, Self-flange

- Splay trim for BR & PAR lamps
- Torsion spring retention
- Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICAT H5RICAT	60W PAR30S, 60W PAR30L, 50W BR30
E5ICAT E5RICAT	
H25ICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5186WH
White Self-flange

5186SN
Satin Nickel Self-flange

5186TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 4-7/8" [123mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Housing – No Socket Bracket

H5ICATNB

H5ICATNB

5" IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The H5ICATNB recessed housing is designed for residential and light commercial applications. H5ICATNB features full-frame robust construction, feed through listing, Got Nail! bar hangers, and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5ICATNB is designed for use in insulated ceilings and may be in direct contact with insulation*.

The H5ICATNB can save installation time. It is designed without a socket plate, for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate, and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. May be retrofit with compatible Halo LED lighting systems.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

5000	5020	5070	5126	5150	5186
5001	5021	5071	5130	5162	5222
5010	5051	5120	5135	5165	5230
5014	5054	5121	5145	5176	5255
5016	5060	5125	5146		

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Die-stamped aluminum
- Sealed and gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame
- Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame
  - Pre-installed Air-Tite ready ceiling contact gasket

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base IC Housing – No Socket Bracket

E5ICATNB

E5ICATNB

5" IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The E5ICATNB is a compact and efficient recessed housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. The Halo E5 housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings; with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. The E5ICATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. May be retrofit with Halo LED lighting systems.

Special Features

All-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

5000	5020	5070	5126	5150	5186
5001	5021	5071	5130	5162	5222
5010	5051	5120	5135	5165	5230
5014	5054	5121	5145	5176	5255
5016	5060	5125	5146		

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-formed aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Plaster Frame

- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness
- (2) Regressed locking screws for securing hanger bars

Includes:

- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bar hangers (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013).

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Housing – No Socket Bracket

H25ICATNB

5 INCH

H25ICATNB

5" IC, Air-Tite, Shallow New Construction Housing, No Socket Bracket, 120V

H25ICATNB recessed housing is designed for residential and light commercial applications. The H25ICATNB is designed for use in shallow ceilings, and features full-frame robust construction, feed through listing, Got Nail! bar hangers; and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H25ICATNB is designed for use in shallow insulated ceilings and may be in direct contact with insulation*. The H25ICATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. May be retrofit with compatible Halo LED lighting systems.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

5000	5060	5121	5135	5162	5176
5014	5070	5126	5145	5165	5186
5054	5071	5130	5150		

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall aluminum housing
- Sealed and gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

Plaster Frame
- Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame
  - Pre-installed Air-Tite ready ceiling contact gasket

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snaps into trim for consistent lamp positioning
- Shipping insert protects socket from overspray

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base Trims

IC "NB" Housings: H5ICATNB • E5ICATNB • H25ICATNB

Reflectors

5020 PAR Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting integral bracket

Housings	Max Lamp Compatibility
H5ICATNB	75W PAR30S, 60W BR30
E5ICATNB	**5020P, 5020H, 5020SC, 5020BL:** 60W PAR30S, 60W BR30 **5020SN, 5020TBZ:** 60W PAR30S, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5020P
White Reflector, White Trim

5020H
Haze Reflector, White Trim

5020SC
Specular Clear Reflector, White Trim

5020BL
Black Specular Reflector, White Trim

5020SN
Satin Nickel Reflector, Satin Nickel Trim

5020TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 3-1/4" [82mm]
OD: 6-3/8" [162mm]

5021 Full Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- For use with A-lamps
- Socket supporting reflector

Housings	Max Lamp Compatibility
H5ICATNB	40W A19
E5ICATNB	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5021H
Haze Reflector, White Trim

5021SC
Specular Clear Reflector, White Trim

5021TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 5" [127mm]
OD: 6-3/8" [162mm]

5120 Full Cone Reflector, Self-flange

- Full cone reflector
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	**5120WH:** 29W A19, 50W PAR30S, 60W PAR30L, 65W BR30
E5ICATNB	**5120SN, 5120TBZ:** 29W A19, 50W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5120WH
White Reflector, White Self-flange

5120SN
Satin Nickel Reflector, Satin Nickel Self-flange

5120TBZ
Tuscan Bonze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	50W PAR30S, 75W PAR30L, 65W BR30
E5ICATNB	
H25ICATNB	50W PAR20, 50W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5121WH
White Reflector,
White Oversize Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 5-1/3" [135mm]
OD: 6-5/8" [168mm]

Baffles

5001 PAR Metal Baffle Splay

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	35W PAR20, 75W PAR30S, 65W BR30, 30W R20
E5ICATNB	**5001P:** 35W PAR20, 60W PAR30S, 60W PAR30L, 65W BR30 **5001MB, 5001SN, 5001TBZ:** 35W PAR20, 60W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5001P
White Baffle, White Trim

5001MB
Black Baffle, White Trim

5001SN
Satin Nickel Baffle,
Satin Nickel Trim

5001TBZ
Tuscan Bronze Baffle,
Tuscan Bronze Trim

Dimensions**
H: 6-1/8" [152mm]
OD: 6-3/8" [156mm]

5010 PAR Metal Step Baffle

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	75W PAR30S, 60W R30, 60W BR30
E5ICATNB	60W PAR30S, 60W PAR30L, 60W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5010W
White Baffle, White Trim

5010
Black Baffle, White Trim

Dimensions**
H: 2" [52mm]
OD: 6-3/8" [156mm]

5014 Shallow Metal Baffle, Self-flange

- For use in shallow housing
- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	
H25ICATNB	50W PAR30S, 75W PAR30L, 65W BR30
E5ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5014P
White Baffle, White Trim

5014MB
Black Baffle, White Trim

Dimensions**
A: 4-3/4" [121mm]
H: 2-3/8" [60mm]
OD: 6-3/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC "NB" Housings: H5ICATNB • E5ICATNB • H25ICATNB

5016 Coilex® Baffle with Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	60W PAR30S, 60W PAR30L, 50W BR30
E5ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5016W
White Baffle, White Trim

5016P
Black Baffle, White Trim

Dimensions**
H: 6-3/4" [171mm]
OD: 6-3/8" [162mm]

5125 Full Cone Baffle, Self-flange

- Full cone baffle trim
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	**5125WB:** 29W A19, 50W PAR30S, 60W PAR30L, 65W BR30
E5ICATNB	**5125BB & 5125BKBB:** 29W A19, 50W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5125WB
White Baffle, White Self-flange

5125BB
White Baffle, Black Self-flange

5125BKBB
Black Baffle, Black Self-flange

Dimensions:
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

5126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	50W PAR30S, 75W PAR30L, 65W BR30
E5ICATNB	
H25ICATNB	**5126WB:** 50W PAR20, 50W PAR30S, 75W PAR30L, 65W BR30 **5126BB:** 50W PAR20, 50W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5126WB
White Baffle, White Self-flange

5126BB
Black Baffle, White Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 5-1/3" [135mm]
OD: 6-5/8" [168mm]

Adjustable – Eyeballs & Gimbals

5060 Adjustable Gimbal 20° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion spring retention
- 20° tilt - 360° rotation
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	
E5ICATNB	50W PAR30S
H25ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5060P
White Gimbal, White Trim

Dimensions**
H: 3-1/4" [82mm]
OD: 6-3/8" [162mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5070 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion spring retention
- 30° tilt - 360° rotation
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	75W PAR30S
E5ICATNB	
H25ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5070P
White Eyeball, White Trim

5070SN
Satin Nickel Eyeball, Satin Nickel Trim

5070TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 3-7/8" [98mm]
H: 3-3/8" [86mm]
OD: 6-3/8" [162mm]

5071 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion spring retention
- 30° tilt - 360° rotation
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	50W PAR20, 50W R20
H25ICATNB	
E5ICATNB	50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5071P
White Eyeball, White Trim

Dimensions**
OD: 6-1/2" [165mm]

5130 Eyeball 35° Tilt, Self-flange

- Adjustable 35° tilt, 360° rotation
- Design optimized for PAR30S (short-neck) lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	75W PAR30S
E5ICATNB	
H25ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5130WH
White Eyeball, White Trim

Dimensions**
A: 3-7/8" [98mm]
H: 2-1/4" [58mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC "NB" Housings: H5ICATNB • E5ICATNB • H25ICATNB

5135 Eyeball 35° Tilt, Self-flange

- Conical adjustable eyeball trim for PAR20 lamps
- Torsion spring retention
- Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	
E5ICATNB	50W PAR20
H25ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5135WH
White Eyeball, White Trim, Self-flange

Dimensions**
A: 2-3/4" [70mm]
H: 2-1/4" [58mm]
OD: 6-5/8" [168mm]

5165 Gimbal 35° Tilt, Self-flange

- Adjustable gimbal trim for PAR30S (short-neck) lamps
- Torsion spring retention
- Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	
E5ICATNB	50W PAR30S
H25ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5165WH
White Gimbal, White Trim

5165BK
Black Gimbal, Black Trim

5165SN
Satin Nickel Gimbal, Satin Nickel Trim

5165TBZ
Tuscan Bronze Gimbal, Tuscan Bronze Trim

Dimensions**
A: 3-3/8" [85mm]
H: 1-1/8" [29mm]
OD: 6-5/8" [168mm]

5222 Regressed Angle Cut Adjustable Gimbal, 30° Tilt, Self-flange

- Fully regressed gimbal
- Torsion spring retention
- 30° tilt, 360° rotation
- Socket supporting
- Angle cut - cone reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	39W PAR30S, 60W PAR30L
E5ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5222WB
White Baffle & Gimbal, White Trim

5222BB
Black Baffle & Gimbal, White Trim

5222SC
Specular Clear Reflector & Gimbal, White Trim

5222H
Haze Reflector & Gimbal, White Trim

Dimensions**
A: 5"127mm]
H: 3-1/8" [79mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

Lenses & Wet Location Showerlights

5051 Frosted Glass Lens

Showerlight

- Frosted glass lens
- Straight precision sided trim ring
- "Dead-Front" construction, wet location listed Showerlight
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

Housings	Max Lamp Compatibility
H5ICATNB	35W PAR30L
E5ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5051PS
Frosted Glass Lens, White Trim

Dimensions**
H: 5-916" [141mm]
OD: 6-7/16" [164mm]

5054 Frosted Glass Dome Lens

airLite Showerlight

- Frosted glass dome lens
- Straight precision sided trim ring
- "Dead-Front" construction, wet location listed Showerlight
- Non conductive, non corrosive gasketed polymer trim ring
- Torsion spring retention

Housings	Max Lamp Compatibility
H5ICATNB	
E5ICATNB	40W A19, 50W PAR30S
H25ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5054PS
Frosted Glass Dome, White Trim

5054SNS
Frosted Glass Dome, Satin Nickel Trim

5054TBZS
Frosted Glass Dome, Tuscan Bronze Trim

Dimensions**
LH: 1-3/4" [45mm]
H: 4-1/2" [114mm]
OD: 6-3/8" [162mm]

5150 Low Profile, Frosted Glass Dome Lens, Self-flange

Showerlight

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	29W A19, 39W PAR30S
E5ICATNB	
H25ICATNB	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

5150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

5150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 4-1/2" [114mm]
H: 5" [126mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC "NB" Housings: H5ICATNB • E5ICATNB • H25ICATNB

5162 Drop Opal Plastic Lens, Self-flange

Showerlight

- Drop opal plastic lens
- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	29W A19
E5ICATNB	
H25ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5162WH
Drop Opal Plastic Lens with Reflector, White Plastic Self-flange

Dimensions**
A: 4-1/2" [114mm]
H: 5-5/8" [118mm]
OD: 6-5/8" [168mm]

5230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25° for precise alignment with room

Housings	Max Lamp Compatibility
H5ICATNB	Consult website www.eaton.com/lighting
E5ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

5230PN
Frost Glass Lens, Polished Nickel Squircle Trim

5230SN
Frost Glass Lens, Satin Nickel Squircle Trim

5230TBZ
Frost Glass Lens, Tuscan Bronze Squircle Trim

5255 Soft Square, Frost Curved Glass Lens, Self-flange

Showerlight

- Low profile curved frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim and glass lens
- Integral rotation adjustment up to +/– 25° for precise alignment with room
- Integrated socket supporting reflector for illumination across lens corner-to-corner

Housings	Max Lamp Compatibility
H5ICATNB	29W A19
E5ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

5255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

5255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
D: 1" [26mm]
H: 5-1/2" [140mm]
OD: 6-7/8" [174mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5145 Open Wet Location, Shallow Reflector, Self-flange

Showerlight

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- For use in standard and shallow housings

Housings	Max Lamp Compatibility
H5ICATNB	**5145WH:** 75W PAR30S, 75W PAR30L
E5ICATNB	**5145SN, 5145TBZ:** 60W PAR30S, 75W PAR30L
H25ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5145WH
White Self-flange

5145SN
Satin Nickel Self-flange

5145TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 4-5/8" [117mm]
D: 5/8" [16mm]
H: 5-3/8" [138mm]
OD: 6-5/8" [168mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

5146 Open Wet Location Full Reflector, Self-flange

Showerlight

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	50W PAR30S, 60W PAR30L
E5ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5146WH
White Self-flange

5146SN
Satin Nickel Self-flange

5146TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

Open, Splay & Wall Wash

5000 PAR Metal Splay, Self-flange

- Straight precision sided trim ring (fixed, not remodeled)
- Open metal splay trim
- Dual socket position socket for BR and PAR lamps
- Torsion spring retention
- Socket supporting

Housings	Max Lamp Compatibility
H5ICATNB	65W BR30, 75W R30, 75W PAR30, 75W PAR30L
E5ICATNB	**5000P:** 60W PAR30S, 60W PAR30L, 65W BR30 **5000SN, 5000TBZ:** 60W PAR30S, 60W PAR30L, 60W BR30
H25ICATNB	60W BR30, 50W PAR30, 50W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5000P
White Splay, White Trim

5000SN
Satin Nickel Splay,
Satin Nickel Trim

5000TBZ
Tuscan Bronze Splay,
Tuscan Bronze Trim

Dimensions**
H: 4-5/8" [118mm]
OD: 6-3/8" [162mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC "NB" Housings: H5ICATNB • E5ICATNB • H25ICATNB

5176 Open, Wide Self-flange

- Open trim for BR30 & PAR30 lamps
- Torsion spring retention
- Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	60W PAR30S, 60W PAR30L, 50W BR30
E5ICATNB	
H25ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5176WH
White Self-flange

5176SN
Satin Nickel Self-flange

5176TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 4-3/4" [120mm]
OD: 6-5/8" [168mm]

5186 Splay, Self-flange

- Splay trim for BR30 & PAR30 lamps
- Torsion spring retention
- Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5ICATNB	60W PAR30S, 60W PAR30L, 50W BR30
E5ICATNB	
H25ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5186WH
White Self-flange

5186SN
Satin Nickel Self-flange

5186TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 4-7/8" [123mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Non-Insulated Ceiling Housings & Trims

Quick Reference – Non-IC

5 INCH

Trim #	Style	H5T	H5RT	E5TAT	E5RTAT	H5TNB	E5TATNB
5000	Splay	•	•	•	•	•	•
5001	Baffle	•	•	•	•	•	•
5010	Baffle	•	•	•	•	•	•
5012	Baffle	•	•	•	•	•	•
5016	Baffle	•	•	•	•	•	•
5020	Reflector	•	•	•	•	•	•
5021	Reflector	•	•	•	•	•	•
5030	Wall Wash	•	•	•	•	•	•
5051	Showerlight	•	•	•	•	•	•
5054	Showerlight	•	•	•	•	•	•
5060	Adjustable	•	•	•	•	•	•
5070	Adjustable	•	•	•	•	•	•
5071	Adjustable	•	•	•	•	•	•
5102	Baffle	•	•	•	•	—	—
5107	Reflector	•	•	•	•	—	—
5109	Baffle	•	•	•	•	—	—
5110	Baffle	•	•	•	•	—	—
5120	Reflector	•	•	•	•	•	•
5125	Baffle	•	•	•	•	•	•
5130	Adjustable	•	•	•	•	•	•
5135	Adjustable	•	•	•	•	•	•
5145	Open Showerlight	•	•	•	•	•	•
5146	Open Showerlight	•	•	•	•	•	•
5150	Showerlight	•	•	•	•	•	•
5162	Showerlight	•	•	•	•	•	•
5165	Adjustable	•	•	•	•	•	•
5175	Open	•	•	•	•	—	—
5176	Open	•	•	•	•	•	•
5185	Splay	•	•	•	•	—	—
5186	Splay	•	•	•	•	•	•
5222	Adjustable	•	•	•	•	•	•
5230	Showerlight	•	•	•	•	•	•
5255	Showerlight	•	•	•	•	•	•

E26 Screw Base Non-IC Housing

H5T

H5T

5" Non-IC, New Construction Housing, 120V

The H5T recessed housing is designed for residential and light commercial applications. H5T features full-frame robust construction, feed through listing, Got Nail! bar hangers, and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5T is designed for use non-insulated ceilings. If insulation is present it must be kept 3" from all sides of the housing. May be retrofit with compatible Halo LED lighting systems.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible Trims

5000	5021	5071	5125	5150	5185
5001	5030	5102	5130	5162	5186
5010	5051	5107	5135	5165	5222
5012	5054	5109	5145	5175	5230
5016	5060	5110	5146	5176	5255
5020	5070	5120			

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-stamped CRS with white powder coat finish
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

Plaster Frame
- Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims
- Overspray protector included

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snaps into trim for consistent lamp positioning
- Shipping insert protects socket from overspray

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling,with select trims
- cULus Listed for feed through
- IP rated (Improper Lamp)
- RoHS compliant

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-IC Housing

H5RT

H5RT

5" Non-IC, Remodel Housing, 120V

The H5RT recessed housing is designed for residential and light commercial applications. H5RT remodel housing features robust construction and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5RT is for use non-insulated ceilings. If insulation is present it must be kept 3" from all sides of the housing. Remodel housing is designed for installation from below the finished ceiling. May be retrofit with compatible Halo LED lighting systems.

Special Features

Quick Connect™ push wire nuts

Compatible Trims

5000	5021	5071	5125	5150	5185
5001	5030	5102	5130	5162	5186
5010	5051	5107	5135	5165	5222
5012	5054	5109	5145	5175	5230
5016	5060	5110	5146	5176	5255
5020	5070	5120			

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-stamped CRS with white powder coat finish
- For installation from below finished ceiling Integral flange secures fixture against ceiling

Remodel Springs
Four remodel clips secure housing and accommodate 1/2" and 5/8" ceiling material

Junction Box
- Seven 1/2" trade size conduit knockouts with true pry-out slots
- Four type non-metallic (NM) cable pry-outs simplify installation

Includes:
- Quick Connect™ push wire nuts (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snaps into trim for consistent lamp positioning
- Overspray protector included

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed for damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- IP rated (Improper Lamp)
- RoHS compliant

E26 Screw Base Non-IC Housing

E5TAT

E5TAT

5" Non-IC, Air-Tite, New Construction Housing, 120V

The E5TAT is a compact and efficient recessed housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. E5TAT housing is for use in non-insulated ceilings, suitable for residential or light commercial applications; with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. E5TAT is designed for use in non-insulated ceilings, if insulation is present it must be kept 3" from all sides of the housing. May be retrofit with compatible Halo LED lighting systems.

Special Features

All-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

5000	5021	5071	5125	5150	5185
5001	5030	5102	5130	5162	5186
5010	5051	5107	5135	5165	5222
5012	5054	5109	5145	5175	5230
5016	5060	5110	5146	5176	5255
5020	5070	5120			

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness
- (2) Regressed locking screws for securing hanger bars

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bar hangers (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-IC Housing

E5RTAT

E5RTAT

5" Non-IC, Air-Tite, Remodel Housing, 120V

The E5RTAT is a compact and efficient recessed housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. E5RTAT remodel housing is for use in non-insulated ceilings, suitable for residential or light commercial applications; with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. This remodel housing is designed for installation from below the finished ceiling. As E5RTAT is for use in non-insulated ceilings, if insulation is present it must be kept 3" from all sides of the housing. May be retrofit with Halo LED lighting systems.

Special Features

Hinged j-box with Slide-N-Side™
Quick Connect™ wiring tray
Air-Tite™ code compliant

Compatible Trims

5000	5021	5071	5125	5150	5185
5001	5030	5102	5130	5162	5186
5010	5051	5107	5135	5165	5222
5012	5054	5109	5145	5175	5230
5016	5060	5110	5146	5176	5255
5020	5070	5120			

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed housing
- Die formed flange maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, flange and finished ceiling - without need for additional caulk
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Remodel Retention System - Speed Clamps
- Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling materials

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ wiring tray (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Socket snaps into socket plate for consistent lamp positioning
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray
- (3) Color coded 4-port push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- No additional wire nuts required

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

E26 Screw Base Trims

Non-IC Housings: H5T • H5RT • E5TAT • E5RTAT

Reflectors

5020 PAR Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TAT	E5RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5020P
White Reflector, White Trim

5020H
Haze Reflector, White Trim

5020SC
Specular Clear Reflector, White Trim

5020BL
Black Specular Reflector, White Trim

5020SN
Satin Nickel Reflector, Satin Nickel Trim

5020TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 3-1/4" [82mm]
OD: 6-3/8" [162mm]

5021 Full Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- For use with A-Lamps
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5021H
Haze Reflector, White Trim

5021SC
Specular Clear Reflector, White Trim

5021TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 5" [127mm]
OD: 6-3/8" [162mm]

5107 Tapered Reflector, Self-flange

- Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5107SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 2-3/8" [60mm]
OD: 6-5/8" [168mm]

5120 Full Cone Reflector, Self-flange

- Full cone reflector
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19, 75W PAR30S, 75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5120WH
White Reflector, White Self-flange

5120SN
Satin Nickel Reflector, Satin Nickel Self-flange

5120TBZ
Tuscan Bonze Reflector, Tuscan Bronze Self-flange

Dimension**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

Baffles

5001 PAR Metal Baffle Splay

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	50W PAR20, 75W PAR30S, 75W PAR30L, 65W BR30, 50W R20, 75W R30
E5TAT	E5RTAT	50W PAR20, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5001P
White Baffle, White Trim

5001MB
Black Baffle, White Trim

5001SN
Satin Nickel Baffle, Satin Nickel Trim

5001TBZ
Tuscan Bronze Baffle, Tuscan Bronze Trim

Dimensions**
H: 6-1/8" [152mm]
OD: 6-3/8" [156mm]

5010 PAR Metal Step Baffle

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TAT	E5RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5010W
White Baffle, White Trim

5010
Black Baffle, White Trim

Dimensions**
H: 2" [52mm]
OD: 6-3/8" [156mm]

5012 High Coilex® Baffle

- Straight precision sided trim ring (fixed, not removable)
- Provides ultra deep lamp regression (not compatible with H5TM)
- Socket supporting
- Torsion spring retention

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TAT	E5RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5012W
White Baffle, White Trim

5012P
Black Baffle, White Trim

Dimensions**
H: 6" [152mm]
OD: 6-3/8" [156mm]

5016 Coilex® Baffle with Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19, 75W PAR30S, 75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5016W
White Baffle, White Trim

5016P
Black Baffle, White Trim

Dimensions**
H: 6-3/4" [171mm]
OD: 6-3/8" [162mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H5T • H5RT • E5TAT • E5RTAT

5102 Tapered Metal Baffle, Self-flange

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5102WB
White Baffle, White Self-flange

5102BB
Black Baffle, White Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 2-3/8" [60mm]
OD: 6-5/8" [168mm]

5109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5109WB
White Plastic Straight Coilex Baffle, White Self-flange

5109BB
Black Plastic Straight Coilex Baffle, White Self-flange

5109BKBB
Black Plastic Straight Coilex Baffle, Black Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 2-3/8" [60mm]
OD: 6-5/8" [168mm]

5110 Perftex™ Baffle, Self-flange

- Perforated pattern baffle contoured for BR30 and PAR30L lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5110WB
White Perftex Baffle, White Self-flange

5110BB
Black Perftex Baffle, White Self-flange

5110BKBB
Black Perftex Baffle, Black Self-flange

Dimensions**
A: 5-1/2" [141mm]
H: 2-1/8" [55mm]
OD: 6-5/8" [168mm]

5125 Full Cone Baffle, Self-flange

- Full cone baffle
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19, 75W PAR30S, 75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5125WB
White Baffle, White Self-flange

5125BB
White Baffle, Black Self-flange

5125BKBB
Black Baffle, Black Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

Adjustable – Eyeballs & Gimbals

5060 Adjustable Gimbal 20° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion springs retention
- 20° tilt - 360° rotation
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5060P
White Gimbal, White Trim

Dimensions**
H: 3-1/4" [82mm]
OD: 6-3/8" [162mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5070 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion spring retention
- 30° tilt - 360° rotation
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5070P
White Eyeball, White Trim

5070SN
Satin Nickel Eyeball, Satin Nickel Trim

5070TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 3-7/8" [98mm]
H: 3-3/8" [86mm]
OD: 6-3/8" [162mm]

5071 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion springs retention
- 30° tilt - 360° rotation
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	50W PAR20 , 50W R20
E5TAT	E5RTAT	50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5071P
White Eyeball, White Trim

Dimensions**
OD: 6-1/2" [165mm]

5130 Eyeball 35° Tilt, Self-flange

- Adjustable 35° tilt, 360° rotation
- Design optimized for PAR30S (short-neck) lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	E5TAT	75W PAR30S
H5RT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5130WH
White Eyeball, White Trim

Dimensions**
A: 3-7/8" [98mm]
H: 2-1/4" [58mm]
OD: 6-5/8" [168mm]

5135 Eyeball 35° Tilt, Self-flange

- Conical adjustable eyeball trim for PAR20 lamps
- Torsion spring retention
- Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	50W PAR20
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5135WH
White Eyeball, White Trim, Self-flange

Dimensions**
A: 2-3/4" [70mm]
H: 2-1/4" [58mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H5T • H5RT • E5TAT • E5RTAT

5165 Gimbal 35° Tilt, Self-flange

- Adjustable gimbal trim for PAR30S (short-neck) lamps
- Torsion spring retention
- Socket supporting bracket
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5165WH
White Gimbal, White Trim

5165BK
Black Gimbal, Black Trim

5165SN
Satin Nickel Gimbal, Satin Nickel Trim

5165TBZ
Tuscan Bronze Gimbal, Tuscan Bronze Trim

Dimensions**
A: 3-3/8" [85mm]
H: 1-1/8" [29mm]
OD: 6-5/8" [168mm]

5222 Regressed Angle Cut Adjustable Gimbal, 30° Tilt, Self-flange

- Fully regressed gimbal
- Torsion spring retention
- 30° tilt, 360° rotation
- Socket supporting
- Angle cut - cone reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	60W PAR16, 50W PAR20, 75W PAR30S, 75W PAR30L
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5222WB
White Baffle & Gimbal, White Trim

5222BB
Black Baffle & Gimbal, White Trim

5222SC
Specular Clear Reflector & Gimbal, White Trim

5222H
Haze Reflector & Gimbal, White Trim

Dimensions**
A: 5"127mm]
H: 3-1/8" [79mm]
OD: 6-5/8" [168mm]

Lenses & Wet Location Showerlights

5051 Frosted Glass Lens

Showerlight

- Frosted glass lens
- Straight precision sided trim
- "Dead-Front" construction, wet location listed Showerlight
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19, 50W PAR30S, 50W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5051PS
Frosted Glass Lens, White Trim

Dimensions**
H: 5-9/16" [141mm]
OD: 6-7/16" [164mm]

5054 Frosted Glass Dome Lens

airlite Showerlight

- Frosted glass dome lens
- Precision straight sided trim ring
- "Dead-Front" construction, wet location listed Showerlight
- Non conductive, non corrosive gasketed polymer trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility
H5T	H5RT	75W A19, 75W PAR30S
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5054PS
Frosted Glass Dome, White Trim

5054SNS
Frosted Glass Dome, Satin Nickel Trim

5054TBZS
Frosted Glass Dome, Tuscan Bronze Trim

Dimensions**
LH: 1-3/4" [45mm]
H: 4-1/2" [114mm]
OD: 6-3/8" [162mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5145 Open Wet Location, Shallow, Self-flange

Showerlight

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- For use only in standard and shallow housings

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5145WH
White Self-flange

5145SN
Satin Nickel Self-flange

5145TBZ
Tuscan Bronze Self-flange

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

Dimensions**
A: 4-5/8" [117mm]
D: 5/8" [16mm]
H: 5-3/8" [138mm]
OD: 6-5/8" [168mm]

5146 Open Wet Location, Self-flange

Showerlight

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5146WH
White Self-flange

5146SN
Satin Nickel Self-flange

5146TBZ
Tuscan Bronze Self-flange

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

Dimensions**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

5150 Low Profile, Frosted Glass Dome Lens, Self-flange

Showerlight

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19, 50W PAR30S
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

5150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

5150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 4-1/2" [114mm]
H: 5" [126mm]
OD: 6-5/8" [168mm]

5162 Drop Opal Plastic Lens, Self-flange

Showerlight

- Drop opal plastic lens
- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	43W A19
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5162WH
Drop Opal Plastic Lens with Reflector, White Plastic Self-flange

Dimensions**
A: 4-1/2" [114mm]
H: 5-5/8" [118mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H5T • H5RT • E5TAT • E5RTAT

5230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25° for precise alignment with room

Housings		Max Lamp Compatibility
H5T	H5RT	Consult website www.eaton.com/lighting
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

5230PN
Frost Glass Lens, Polished Nickel Squircle Trim

5230SN
Frost Glass Lens, Satin Nickel Squircle Trim

5230TBZ
Frost Glass Lens, Tuscan Bronze Squircle Trim

5255 Soft Square, Frost Curved Glass Lens, Self-flange

Showerlight

- Low profile curved frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer plastic trim and glass lens
- Integral rotation adjustment up to +/– 25° for precise alignment with room
- Integrated socket supporting reflector for illumination across lens corner-to-corner

Housings		Max Lamp Compatibility
H5T	H5RT	60W A19, 60W PAR30S
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

5255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

5255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
D: 1" [26mm]
H: 5-1/2" [140mm]
OD: 6-7/8" [174mm]

Open, Splay & Wall Wash

5000 PAR Metal Splay, Self-flange

- Straight precision sided trim ring (fixed, not remodeled)
- Open metal splay trim
- Dual socket position socket for BR and PAR lamps
- Torsion spring retention
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TAT	E5RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5000P
White Splay, White Trim

5000SN
Satin Nickel Splay, Satin Nickel Trim

5000TBZ
Tuscan Bronze Splay, Tuscan Bronze Trim

Dimensions**
H: 4-5/8" [118mm]
OD: 6-3/8" [162mm]

5175 Open, Wide Self-flange

- Open trim for BR & PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5175WH
White Self-flange

5175SN
Satin Nickel Self-flange

5175TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 3/4" [19mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5176 Open, Wide Self-flange

- Open trim for BR & PAR lamps
- Torsion spring retention
- Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5176WH
White Self-flange

5176SN
Satin Nickel Self-flange

5176TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 4-3/4" [120mm]
OD: 6-5/8" [168mm]

5185 Open, Splay Self-flange

- Open splay trim for BR & PAR lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5185WH
White Self-flange

5185SN
Satin Nickel Self-flange

5185TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 1" [27mm]
OD: 6-5/8" [168mm]

5186 Splay, Self-flange

- Splay trim for BR & PAR lamps
- Torsion spring retention
- Socket supporting integral bracket
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H5T	H5RT	75W PAR30S, 75W PAR30L, 65W BR30
E5TAT	E5RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5186WH
White Self-flange

5186SN
Satin Nickel Self-flange

5186TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 4-7/8" [123mm]
OD: 6-5/8" [168mm]

5030 Wall Wash with Baffle

- Straight precision sided trim ring
- Designed to spread light closer to the ceiling to eliminate the "cave effect"
- Provides a wash of light
- 360° rotation
- Torsion spring retention
- Socket supporting

Housings		Max Lamp Compatibility
H5T	H5RT	50W TB19, 60W A19, 60W BT15, 60W MB19
E5TAT	E5RTAT	60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5030W
White Eyelid with White Baffle, White Trim

5030P
White Eyelid with Black Baffle, White Trim

Dimensions**
H: 6-7/8" [173mm]
OD: 6-1/4" [159mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Non-IC Housing – No Socket Bracket

H5TNB

H5TNB

5" Non-IC, New Construction Housing, No Socket Bracket, 120V

The H5TNB recessed housing is designed for residential and light commercial applications. H5TNB features full-frame robust construction, feed through listing, Got Nail! bar hangers; and may support the use of higher wattage lamps. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H5TNB is for use non-insulated ceilings. If insulation is present it must be kept 3" from all sides of the housing. The H5TNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. May be retrofit with compatible Halo LED lighting systems.

c UL us LISTED

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible Trims

5000	5020	5060	5130	5150	5186
5001	5021	5070	5135	5162	5222
5010	5030	5071	5145	5165	5230
5012	5051	5120	5146	5176	5255
5016	5054	5125			

c UL us LISTED Trims for use in Halo listed housings

CLASSIFIED UL Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-stamped CRS with white powder coat finish
- Housing adjusts in plaster frame to accommodate up to 1-3/8" ceiling thickness

Plaster Frame
- Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snaps into trim for consistent lamp positioning
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- IP rated (Improper Lamp)
- RoHS compliant

Specifications, compliances and dimensions subject to change without notice

E5TATNB

5" Non-IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The E5TATNB is a compact and efficient recessed housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. The Halo E5TATNB housing is for use in non-insulated ceilings, suitable for residential or light commercial applications; with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. E5TATNB is designed for use in non-insulated ceilings, if insulation is present it must be kept 3" from all sides of the housing. May be retrofit with compatible Halo LED lighting systems. The E5TATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. May be retrofit with Halo LED lighting systems.

Special Features

All-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

5000	5020	5060	5130	5150	5186
5001	5021	5070	5135	5162	5222
5010	5030	5071	5145	5165	5230
5012	5051	5120	5146	5176	5255
5016	5054	5125			

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Plaster Frame
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bar hangers (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

E26 Screw Base Trims

Non-IC "NB" Housings: H5TNB • E5TATNB

Reflectors

5020 PAR Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting integral bracket

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TATNB	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5020P
White Reflector, White Trim

5020H
Haze Reflector, White Trim

5020SC
Specular Clear Reflector, White Trim

5020BL
Black Specular Reflector, White Trim

5020SN
Satin Nickel Reflector, Satin Nickel Trim

5020TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 3-1/4" [82mm]
OD: 6-3/8" [162mm]

5021 Full Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- For use with A-lamps
- Socket supporting integral bracket

Housings	Max Lamp Compatibility
H5TNB	60W A19
E5TATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5021H
Haze Reflector, White Trim

5021SC
Specular Clear Reflector, White Trim

5021TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Dimensions**
H: 5" [127mm]
OD: 6-3/8" [162mm]

5120 Full Cone Reflector, Self-flange

- Full cone reflector
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB	60W A19, 75W PAR30S, 75W PAR30L, 65W BR30
E5TATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5120WH
White Reflector, White Self-flange

5120SN
Satin Nickel Reflector, Satin Nickel Self-flange

5120TBZ
Tuscan Bonze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

Baffles

5001 PAR Metal Baffle Splay

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5TNB	50W PAR20, 75W PAR30S, 75W PAR30L, 65W BR30, 50W R20, 75W R30
E5TATNB	50W PAR20, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5001P
White Baffle, White Trim

5001MB
Black Baffle, White Trim

5001SN
Satin Nickel Baffle, Satin Nickel Trim

5001TBZ
Tuscan Bronze Baffle, Tuscan Bronze Trim

Dimensions**
H: 6-1/8" [152mm]
OD: 6-3/8" [156mm]

5012 High Coilex® Baffle

- Straight precision sided trim ring (fixed, not removable)
- Provides ultra deep lamp regression (not compatible with H5TM)
- Socket supporting
- Torsion spring retention

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TATNB	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5012W
White Baffle, White Trim

5012P
Black Baffle, White Trim

Dimensions**
H: 6" [152mm]
OD: 6-3/8" [156mm]

5016 Coilex® Baffle with Reflector

- Straight precision sided trim ring (fixed, not removable)
- Torsion spring retention
- Dual socket position for BR and PAR lamps
- Socket supporting

Housings	Max Lamp Compatibility
H5TNB E5TATNB	60W A19, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5016W
White Baffle, White Trim

5016P
Black Baffle, White Trim

Dimensions**
H: 6-3/4" [171mm]
OD: 6-3/8" [162mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC "NB" Housings: H5TNB • E5TATNB

5125 Full Cone Baffle, Self-flange

- Full cone baffle trim
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB E5TATNB	60W A19, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5125WB
White Baffle, White Self-flange

5125BB
White Baffle, Black Self-flange

5125BKBB
Black Baffle, Black Self-flange

Dimensions**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

Adjustable – Eyeballs & Gimbals

5060 Adjustable Gimbal 20° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion spring retention
- 20° tilt - 360° rotation
- Socket supporting

Housings	Max Lamp Compatibility
H5TNB E5TATNB	75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5060P
White Gimbal, White Trim

Dimensions**
H: 3-1/4" [82mm]
OD: 6-3/8" [162mm]

5070 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion spring retention
- 30° tilt - 360° rotation
- Socket supporting

Housings	Max Lamp Compatibility
H5TNB E5TATNB	75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5070P
White Eyeball, White Trim

5070SN
Satin Nickel Eyeball, Satin Nickel Trim

5070TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 3-7/8" [98mm]
H: 3-3/8" [86mm]
OD: 6-3/8" [162mm]

5071 Adjustable Eyeball 30° Tilt, Self-flange

- Straight precision sided trim ring (fixed, not removable)
- For directional accent lighting
- Torsion spring retention
- 30° tilt - 360° rotation
- Socket supporting

Housings	Max Lamp Compatibility
H5TNB	50W PAR20, 50W R20
E5TATNB	50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5071P
White Eyeball, White Trim

Dimensions**
OD: 6-1/2" [165mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5130 Eyeball 35° Tilt, Self-flange

- Adjustable 35° tilt, 360° rotation
- Design optimized for PAR30S (short-neck) lamps
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB E5TATNB	75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5130WH
White Eyeball, White Trim

Dimensions**
A: 3-7/8" [98mm]
H: 2-1/4" [58mm]
OD: 6-5/8" [168mm]

5135 Eyeball 35° Tilt, Self-flange

- Conical adjustable eyeball trim for PAR20 lamps
- Torsion spring retention
- Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB E5TATNB	50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5135WH
White Eyeball, White Trim, Self-flange

Dimensions**
A: 2-3/4" [70mm]
H: 2-1/4" [58mm]
OD: 6-5/8" [168mm]

5165 Gimbal 35° Tilt, Self-flange

- Adjustable gimbal trim for PAR30S (short-neck) lamps
- Torsion spring retention
- Socket supporting
- 35° tilt, 360° rotation
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB E5TATNB	75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5165WH
White Gimbal, White Trim

5165BK
Black Gimbal, Black Trim

5165SN
Satin Nickel Gimbal,
Satin Nickel Trim

5165TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Trim

Dimensions**
A: 3-3/8" [85mm]
H: 1-1/8" [29mm]
OD: 6-5/8" [168mm]

5222 Regressed Angle Cut Adjustable Gimbal, 30° Tilt, Self-flange

- Fully regressed gimbal
- Torsion spring retention
- 30° tilt, 360° rotation
- Socket supporting
- Angle cut - cone reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB E5TATNB	75W PAR30S, 75W PAR30L, 60W PAR16, 50W PAR20

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5222WB
White Baffle & Gimbal,
White Trim

5222BB
Black Baffle & Gimbal,
White Trim

5222SC
Specular Clear Reflector
& Gimbal, White Trim

5222H
Haze Reflector & Gimbal,
White Trim

Dimensions**
A: 5"127mm]
H: 3-1/8" [79mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC "NB" Housings: H5TNB • E5TATNB

Lenses & Wet Location Showerlights

5051 Frosted Glass Lens - Showerlight

- Straight precision sided trim ring
- Frosted glass lens
- "Dead-Front" construction, wet location listed Showerlight
- Non-conductive, non-corrosive gasketed polymer trim ring
- Torsion spring retention

Housings	Max Lamp Compatibility
H5TNB E5TATNB	60W A19, 50W PAR30S, 50W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5051PS
Frosted Glass Lens, White Trim

Dimensions**
H: 5-9/16" [141mm]
OD: 6-7/16" [164mm]

5054 Frosted Glass Dome Lens

- Frosted glass dome lens
- Straight precision sided trim ring
- "Dead-Front" construction, wet location listed Showerlight
- Non conductive, non corrosive gasketed polymer trim ring
- Torsion spring retention

Housings	Max Lamp Compatibility
H5TNB E5TATNB	75W A19, 75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5054PS
Frosted Glass Dome, White Trim

5054SNS
Frosted Glass Dome, Satin Nickel Trim

5054TBZS
Frosted Glass Dome, Tuscan Bronze Trim

Dimensions**
LH: 1-3/4" [45mm]
H: 4-1/2" [114mm]
OD: 6-3/8" [162mm]

5145 Open Wet Location, Shallow, Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB E5TATNB	75W PAR30S, 75W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5145WH
White Self-flange

5145SN
Satin Nickel Self-flange

5145TBZ
Tuscan Bronze Self-flange

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

Dimensions**
A: 4-5/8" [117mm]
D: 5/8" [16mm]
H: 5-3/8" [138mm]
OD: 6-5/8" [168mm]

5146 Open Wet Location, Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB E5TATNB	75W PAR30S, 75W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5146WH
White Self-flange

5146SN
Satin Nickel Self-flange

5146TBZ
Tuscan Bronze Self-flange

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

Dimensions**
A: 4-3/4" [121mm]
H: 6-1/4" [160mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

5150 Low Profile, Frosted Glass Dome Lens, Self-flange

Showerlight

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB E5TATNB	60W A19, 50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

5150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

5150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 4-1/2" [114mm]
H: 5" [126mm]
OD: 6-5/8" [168mm]

5162 Drop Opal Plastic Lens, Self-flange

Showerlight

- Drop opal plastic lens
- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB E5TATNB	43W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5162WH
Drop Opal Plastic Lens with Reflector, White Plastic Self-flange

Dimensions**
A: 4-1/2" [114mm]
H: 5-5/8" [118mm]
OD: 6-5/8" [168mm]

5230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25° for precise alignment with room

Housings	Max Lamp Compatibility
H5TNB E5TATNB	Consult website www.eaton.com/lighting

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

5230PN
Frost Glass Lens, Polished Nickel Squircle Trim

5230SN
Frost Glass Lens, Satin Nickel Squircle Trim

5230TBZ
Frost Glass Lens, Tuscan Bronze Squircle Trim

5255 Soft Square, Frost Curved Glass Lens, Self-flange

Showerlight

- Low profile curved frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer plastic trim and glass lens
- Integral rotation adjustment up to +/– 25° for precise alignment with room
- Integrated socket supporting reflector for illumination across lens corner-to-corner

Housings	Max Lamp Compatibility
H5TNB E5TATNB	60W A19, 60W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

5255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

5255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
D: 1" [26mm]
H: 5-1/2" [140mm]
OD: 6-7/8" [174mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC "NB" Housings: H5TNB • E5TATNB

Open, Splay & Wall Wash

5000 PAR Metal Splay, Self-flange

- Straight precision sided trim ring (fixed, not remodeled)
- Open metal splay trim
- Dual socket position socket for BR and PAR lamps
- Torsion spring retention
- Socket supporting

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E5TATNB	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5000P
White Splay, White Trim

5000SN
Satin Nickel Splay, Satin Nickel Trim

5000TBZ
Tuscan Bronze Splay, Tuscan Bronze Trim

Dimensions**
H: 4-5/8" [118mm]
OD: 6-3/8" [162mm]

5030 Wall Wash with Baffle

- Straight precision sided trim ring
- Designed to spread light closer to the ceiling to eliminate the "cave effect"
- Provides a wash of light
- 360° rotation
- Torsion spring retention
- Socket supporting

Housings	Max Lamp Compatibility
H5TNB	60W A19, 50W TB19, 60W BT15, 60W MB19
E5TATNB	60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5030W
White Eyelid with White Baffle, White Trim

5030P
White Eyelid with Black Baffle, White Trim

Dimensions**
H: 6-7/8" [173mm]
OD: 6-1/4" [159mm]

5176 Open, Wide Self-flange

- Open trim for BR & PAR lamps
- Torsion spring retention
- Socket supporting integral
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L, 65W BR30
E5TATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5176WH
White Self-flange

5176SN
Satin Nickel Self-flange

5176TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 4-3/4" [120mm]
OD: 6-5/8" [168mm]

5186 Splay, Self-flange

- Splay trim for BR & PAR lamps
- Torsion spring retention
- Socket supporting integral
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H5TNB	75W PAR30S, 75W PAR30L, 65W BR30
E5TATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

5186WH
White Self-flange

5186SN
Satin Nickel Self-flange

5186TBZ
Tuscan Bronze Self-flange

Dimensions**
A: 3-7/8" [99mm]
H: 4-7/8" [123mm]
OD: 6-5/8" [168mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **D:** Depth Profile, **H:** Height, **LH:** Lens Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6 INCH

6" E26 Screw Base

IC Housings 254
IC Trims 260
H7UICAT Housings & Trims 272
IC Housings – No Socket Bracket 285
IC Trims – No Socket Bracket 288
IC Shallow Housings 296
IC Shallow Trims 300
Non-IC Housings 310
Non-IC Trims 315
Non-IC Housings – No Socket Bracket 332
Non-IC Trims – No Socket Bracket 334
Non-IC Shallow Housings 342
Non-IC Shallow Trims 346
H47 Series Slope Housings & Trims 356
H645IC Slope Housings & Trims 360

IC = Insulated Ceiling **Non-IC = Non-Insulated Ceiling**

E26 Screw Base Insulated Ceiling Housings & Trims

Quick Reference – IC

Trim Series #	Style	H7ICT	H7ICAT	H7RICT	H7RICAT	E7ICAT	E7RICAT	H7UICAT
30	Reflector & Baffle	•	•	•	•	•	•	•
70	Showerlight	—	—	—	—	—	—	•
71	Showerlight	—	—	—	—	—	—	•
73	Showerlight	—	—	—	—	—	—	•
74	Adjustable	•	•	•	•	•	•	•
76	Adjustable	•	•	•	•	•	•	•
78	Adjustable	•	•	•	•	•	•	•
79	Pinhole	—	—	—	—	—	—	•
170	Showerlight	•	•	•	•	•	•	•
171	Showerlight	•	•	•	•	•	•	•
172	Showerlight	•	•	•	•	•	•	•
173	Showerlight	•	•	•	•	•	•	•
300	Open	•	•	•	•	•	•	•
310	Baffle	•	•	•	•	•	•	•
327	Splay	•	•	•	•	•	•	—
328	Splay	•	•	•	•	•	•	•
353	Baffle	•	•	•	•	•	•	•
376	Adjustable	•	•	•	•	•	•	•
378	Adjustable	•	•	•	•	•	—	•
404	Reflector	•	•	•	•	•	—	•
419	Adjustable	—	—	—	—	—	—	•
420	Adjustable	•	•	•	•	•	•	•
424	Wall Wash	—	—	—	—	—	—	•
425	Wall Wash	—	—	—	—	—	—	•
426	Reflector	•	•	•	•	•	•	•
429	Reflector	•	•	•	•	•	•	•
430	Wall Wash	•	•	•	•	•	•	•
478	Adjustable	•	•	•	•	•	•	—
4041	Reflector	•	•	•	•	•	—	•
4261	Reflector	•	•	•	•	•	•	•
30SBAT	Reflector	•	•	•	•	•	•	•
6100	Baffle	•	•	•	•	•	•	•
6101	Baffle	•	•	•	•	•	•	•
6102	Baffle	•	•	•	•	•	•	•
6103	Baffle	•	•	•	•	•	•	•
6106	Reflector	•	•	•	•	•	•	•
6107	Reflector	•	•	•	•	•	•	•
6108	Baffle	•	•	•	•	•	•	•
6109	Baffle	•	•	•	•	•	•	•
6110	Baffle	•	•	•	•	•	•	—
6120	Reflector	•	•	•	•	•	•	•
6121	Reflector	•	•	•	•	•	•	•
6125	Baffle	•	•	•	•	•	•	•
6126	Baffle	•	•	•	•	•	•	•
6130	Adjustable	•	•	•	•	•	•	•
6145	Open Showerlight	•	•	•	•	•	•	•
6146	Open Showerlight	•	•	•	•	•	•	•
6150	Showerlight	•	•	•	•	•	•	•
6160	Showerlight	—	—	—	—	—	—	•
6162	Showerlight	•	•	•	•	•	•	•
6170	Adjustable	•	•	•	•	•	•	—
6215	Adjustable	•	•	•	•	•	•	•
6222	Adjustable	•	•	•	•	•	•	•
6230	Showerlight	•	•	•	•	•	•	•
6255	Showerlight	•	•	•	•	•	•	•

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Insulated Ceiling Housings & Trims

Quick Reference – IC

6 INCH

Trim Series #	Style	H7ICTNB	H7ICATNB	E7ICATNB	H27ICAT	H27RICAT	E27ICAT	E27RICAT
30	Reflector & Baffle	•	•	•	—	—	—	—
74	Adjustable	•	•	•	•	•	•	•
76	Adjustable	•	•	•	—	—	—	—
78	Adjustable	•	•	•	•	•	•	•
170	Showerlight	•	•	•	•	•	•	•
171	Showerlight	•	•	•	•	•	•	•
172	Showerlight	•	•	•	•	•	•	•
173	Showerlight	•	•	•	•	—	•	—
300	Open	•	•	•	•	•	•	•
310	Baffle	—	—	—	•	•	•	•
327	Splay	•	•	•	—	—	—	—
328	Splay	—	—	—	•	•	•	•
353	Baffle	—	—	—	•	•	•	•
376	Adjustable	•	•	•	—	—	—	—
378	Adjustable	•	•	•	—	—	—	—
404	Reflector	•	•	•	—	—	—	—
420	Reflector	•	•	•	•	•	•	•
426	Reflector	—	—	—	•	•	•	•
429	Reflector	—	—	—	—	—	—	—
430	Wall Wash	•	•	•	—	—	—	—
478	Adjustable	•	•	•	—	—	—	—
4041	Reflector	•	•	•	—	—	—	—
4261	Reflector	—	—	—	—	—	—	—
30SBAT	Reflector	•	•	•	—	—	—	—
6100	Baffle	—	—	—	•	•	•	•
6101	Baffle	—	—	—	•	•	•	•
6102	Baffle	—	—	—	•	•	•	•
6103	Baffle	—	—	—	•	•	•	•
6106	Reflector	—	—	—	•	•	•	•
6107	Reflector	—	—	—	•	•	•	•
6108	Baffle	—	—	—	•	•	•	•
6109	Baffle	—	—	—	•	•	•	•
6110	Baffle	—	—	—	•	•	•	•
6120	Reflector	•	•	•	—	—	—	—
6121	Reflector	•	•	•	•	•	•	•
6125	Baffle	•	•	•	—	—	—	—
6126	Baffle	•	•	•	•	•	•	•
6130	Adjustable	•	•	•	•	•	•	•
6145	Open Showerlight	•	•	•	•	•	•	•
6146	Open Showerlight	•	•	•	—	—	—	—
6150	Showerlight	•	•	•	•	•	•	•
6162	Showerlight	•	•	•	•	•	•	•
6170	Adjustable	•	•	•	—	—	—	—
6215	Adjustable	•	•	•	•	•	•	•
6222	Adjustable	•	•	•	—	—	—	—
6230	Showerlight	•	•	•	•	•	•	•
6255	Showerlight	•	•	•	•	•	•	•

E26 Screw Base IC Housing

H7ICT

H7ICT

6" IC, New Construction, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H7ICT is for installations where the housing will be in direct contact with insulation*. H7ICT may be converted into Air-Tite installation when used with Air-Tite trims. May be retrofit with compatible Halo LED lighting systems.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible Trims

30◊	300	404	6100	6110	6150
74	310	420	6101	6120◊	6162
76	327	426	6102	6121	6170
78◊	328	429	6103	6125◊	6215
170◊	353	430◊	6106	6126	6222
171◊	376	478	6107	6130	6230
172◊	378	4041	6108	6145	6255
173◊		4261	6109	6146	30SBAT◊

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

◊ Air-Tite trims can make the H7ICT installation ASTM E283 compliant

Features

Housing
- Single wall aluminum housing
- Aluminum construction for greater heat dissipation

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- Galvanized steel construction
- Plaster frame features include:
  - Regressed locking screw for securing hanger bars
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame
  - The housing may be removed from plaster frame to provide access to the junction box

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Housing

H7ICAT

H7ICAT

6" IC, Air-Tite, New Construction, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H7ICAT is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

30	300	404	6100	6110	6150
74	310	420	6101	6120	6162
76	327	426	6102	6121	6170
78	328	429	6103	6125	6215
170	353	430	6106	6126	6222
171	376	478	6107	6130	6230
172	378	4041	6108	6145	6255
173		4261	6109	6146	30SBAT

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall aluminum housing
- Aluminum construction for greater heat dissipation
- Sealed and gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- Galvanized steel construction
- Plaster frame features include:
  - Regressed locking screw for securing hanger bars
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame
  - The housing may be removed from plaster frame to provide access to the junction box
  - Pre-installed Air-Tite ready ceiling contact gasket

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base IC Housing

H7RICT

H7RICT

6" IC, Remodel, 120V

The H7 recessed remodel housing is the standard in the industry for both light commercial and residential applications. H7 series remodel housings feature robust construction, full-sized remodel junction box; and may support use of higher wattage lamps. Designed for use in existing ceilings, the remodel housing slips through opening in the finished ceiling. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7RICT is for installations where the housing will be in direct contact with insulation*. H7RICT may be converted into Air-Tite installation when used with Air-Tite trims. May be retrofit with compatible Halo LED lighting systems.

c UL us LISTED

RoHS Compliant

Special Features

Quick Connect™ push wire nuts

Compatible Trims

30◊	300	404	6100	6110	6150
74	310	420	6101	6120◊	6162
76	327	426	6102	6121◊	6170
78◊	328	429	6103	6125◊	6215
170◊	353	430◊	6106	6126◊	6222
171◊	376	478	6107	6130	6230
172◊	378	4041	6108	6145	6255
173◊		4261	6109	6146	30SBAT◊

c UL us LISTED Trims for use in Halo listed housings

CLASSIFIED UL Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

◊ Air-Tite trims can make the H7RICT installation ASTM E283 compliant

Features

Housing
- Single wall aluminum housing
- Aluminum construction for greater heat dissipation
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Junction Box
- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

Includes:
- Quick Connect™ push wire nuts (Details Pg. 13)

Remodel Springs
Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Housing

H7RICAT

H7RICAT

6" ICAT, Air-Tite, Remodel, 120V

The H7 recessed remodel housing is the standard in the industry for both light commercial and residential applications. H7 series remodel housings feature robust construction, full-sized remodel junction box; and may support use of higher wattage lamps. Designed for use in existing ceilings, the remodel housing slips through opening in the finished ceiling. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7RICAT remodel housing is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.

Special Features

Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

30	300	404	6100	6110	6150
74	310	420	6101	6120	6162
76	327	426	6102	6121	6170
78	328	429	6103	6125	6215
170	353	430	6106	6126	6222
171	376	478	6107	6130	6230
172	378	4041	6108	6145	6255
173		4261	6109	6146	30SBAT

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Aluminum construction for greater heat dissipation
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- Pre-installed Air-Tite ready ceiling contact gasket on flange

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Junction Box
- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

Includes:
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Remodel Springs
Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base IC Housing

E7ICAT

E7ICAT

6" IC, Air-Tite, New Construction Housing, 120V

The E7ICAT is a compact and efficient recessed housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.

Special Features

- All-Nail!™ bar hangers
- q-Channel bars with Pass-N-Thru™
- Hinged j-box with Slide-N-Side™
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

30	300	404	6100	6110	6150
74	310	420	6101	6120	6162
76	327	426	6102	6121	6170
78	328	429	6103	6125	6215
170	353	430	6106	6126	6222
171	376	478	6107	6130	6230
172	378	4041	6108	6145	6255
173		4261	6109	6146	30SBAT

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" – 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Housing

E7RICAT

6 INCH

E7RICAT

6" IC, Air-Tite, Remodel Housing, 120V

The E7RICAT is a compact and efficient recessed remodel housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.

Special Features

Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

30	300	426	6103	6121	6162
74	310	429	6106	6125	6170
76	327	430	6107	6126	6215
78	328	478	6108	6130	6222
170	353	4261	6109	6145	6230
171	376	6100	6110	6146	6255
172	420	6101	6120	6150	30SBAT
173		6102			

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-formed aluminum housing
- Die formed flange maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, flange and finished ceiling - without need for additional caulk
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Remodel Retention System - Speed Clamps

- Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling materials

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:

- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray

- (3) Color coded 4-port push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- No additional wire nuts required

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base Trims

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

Reflectors

30 Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housings		Max Lamp Compatibility
H7ICT	H7RICT	60W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40, 75W R30
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	53W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30HAT
Haze Reflector, White Trim

30RGAT
Residential Gold Reflector, White Trim

30CAT
Clear Specular Reflector, White Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

30SBAT Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	40W A19, 50W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 75W R30, 65W BR40
H7RICT	H7RICAT	40W A19, 50W PAR30S, 75W PAR30L, 65W PAR38, 45W BR30, 65W BR40, 50W R30, 65W R40
E7ICAT	E7RICAT	40W A19, 50W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 65W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30SBAT
Specular Black Reflector & Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

404 Specular Reflector

- Full reflector for use with A-lamps
- Friction clip retention on housing plaster ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting reflector

Housings		Max Lamp Compatibility
H7ICT	H7RICT	60W A19
H7ICAT	H7RICAT	
E7ICAT		**404C, 404H:** 53W A19 **404SN, 404TBZ:** 43W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

404C
Clear Specular Reflector, White Trim

404H
Haze Reflector, White Trim

404SN
Satin Nickel Reflector, Satin Nickel Trim

404TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Friction Clips install on housing plaster ring

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

426 Reflector Cone

- Accepts a wide variety of lamps
- Coil spring retention
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 65W BR30, 75W R30, 85W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 85W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

426
Clear Specular Reflector Cone, White Trim

426MB
Black Specular Reflector Cone, White Trim

426H
Haze Reflector Cone, White Trim

426SN
Satin Nickel Reflector Cone, Satin Nickel Trim

426TBZ
Tuscan Bronze Reflector Cone, Tuscan Bronze Trim

H930 (H7 Housings ONLY) PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.

Dimensions**
H: 2-5/8" [67mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

429 Dayform White Cone

- Contoured sides shield interior view of housing
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 65W BR30, 75W R30
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	50W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

429P
White Reflector, White Self-flange

Dimensions**
H: 3" [76mm]
OD: 7-1/4" [184mm]

4041 White Reflector, Self-flange

- Self-flange full reflector for use with A-lamps
- Friction clip retention on housing plaster ring
- Accessories available: OT403 oversize trim ring
- Socket supporting reflector

Housings		Max Lamp Compatibility
H7ICT	H7RICT	60W A19
H7ICAT	H7RICAT	
E7ICAT		53W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4041P
White Reflector, White Self-flange

Friction Clips install on housing plaster ring

Dimensions**
H: 5-1/4" [133mm]
OD: 7-1/4" [184mm]

4261 White Reflector Cone, Self-flange

- Self-flange reflector cone for use with R and PAR lamps
- Coil spring retention

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 45W PAR38, 75W R30, 85W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 85W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4261P
White Reflector, White Self-flange

Dimensions**
H: 2-5/8" [67mm]
OD: 7-1/4" [184mm]

6106 Straight Reflector Cone, Self-flange

- Straight sides of cone reflector for large diameter BR40 and PAR38, as well as BR30 and PAR30 lamps
- Self-flange reflector cone
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 40W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6106SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6107 Tapered Reflector, Self-flange

- Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 65W BR30, 85W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6107SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

6120 Full Cone Reflector, Self-flange

- Full cone reflector
- Torsion spring retention
- Socket supporting reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7ICT	H7RICT	**6120WH:** 43W A19, 75W PAR30S,75W PAR30L, 65W PAR38, 65W BR30, 70W BR40 **6120SN, 6120TBZ:** 43W A19, 60W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 70W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6120WH
White Reflector, White Self-flange

6120SN
Satin Nickel Reflector, Satin Nickel Self-flange

6120TBZ
Tuscan Bonze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

6121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	43W A19, 75W PAR30S, 75W PAR30L, 65W BR30
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6121WH
White Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Baffles

30 Baffle, Self-flange

- Self-flange metal baffle with upper reflector
- Socket supporting baffle
- Torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7ICT	H7RICT	40W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40, 75W R30
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	**30WAT, 30WATH, 30PAT:** 40W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40 **30SNAT, 30TBZAT:** 40W A19, 60W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30WAT
White Baffle & Reflector, White Trim

30WATH
White Baffle & Clear Reflector, White Trim

30PAT
Black Baffle & Clear Reflector, White Trim

30SNAT
Satin Nickel Baffle & Reflector, Satin Nickel Trim

30TBZAT
Tuscan Bronze Baffle & Reflector, Tuscan Bronze Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

310 Coilex® Baffle

- Black or white phenolic Coilex baffle with white metal trim ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil spring retention

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 75W R30, 85W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 85W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

310W
White Coilex Baffle, White Trim

310P
Black Coilex Baffle, White Trim

310SN
Satin Nickel Coilex Baffle, Satin Nickel Trim

310TBZ
Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim

H930 (H7 Housings ONLY) PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.

Dimensions**
H: 3-1/16" [78mm]
OD: 7-1/4" [184mm]

353 Metal Baffle

- Metallic finish trim rings and baffles
- Coil spring retention
- Removable trim ring

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 65W BR30, 75W R30
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	50W PAR30S,75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

353SN
Satin Nickel Baffle, Satin Nickel Trim

353TBZ
Tuscan Bronze Baffle, Tuscan Bronze Trim

Dimensions**
H: 3" [76mm]
OD: 7-1/4" [184mm]

6100 Tapered Metal Baffle with (2) Trim Rings

- Contoured tapered sides of metal baffle
- Two plastic removable trim rings included narrow 7.25"OD and wide oversized 8.00"OD
- Coil spring retention

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 65W BR30, 85W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6100WB
White Baffle, Narrow & Wide White Trims (Included)

6100BB
Black Baffle, Narrow & Wide White Trims (Included)

Dimensions**
A: 5-3/4" [148mm]
H: 2-7/8" [74mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

6101 Straight Metal Baffle with (2) Trim Rings

- Straight sides of metal baffle for large diameter lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide 8.00" OD
- Coil spring retention

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 40W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6101WB
White Baffle, Narrow & Wide White Trim (Included)

6101BB
Black Baffle, Narrow & Wide White Trim (Included)

Dimensions**
A: 5-5/8" [144mm]
H: 2-5/8" [66mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

6102 Tapered Metal Baffle, Self-flange

- Contoured tapered sides of metal baffle
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 65W BR30, 85W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6102WB
White Baffle, White Self-flange

6102BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

6103 Straight Metal Baffle, Self-flange

- Straight sides of metal baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 40W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6103WB
White Baffle, White Self-flange

6103BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6108 Coilex® Straight Plastic Baffle, Self-flange

- Straight sides of Coilex baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	39W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 40W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6108WB
White Plastic Straight Coilex Baffle, White Self-flange

6108BB
Black Plastic Straight Coilex Baffle, White Self-flange

6108BKBB
Black Plastic Straight Coilex Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 85W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6109WB
White Plastic Tapered Coilex Baffle, White Self-flange

6109BB
Black Plastic Tapered Coilex Baffle, White Self-flange

6109BKBB
Black Plastic Tapered Coilex Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6110 Perftex™ Baffle, Self-flange

- Perforated pattern baffle contoured for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	50W PAR30S, 60W PAR30L, 65W BR30
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6110WB
White Perftex Baffle, White Self-flange

6110BB
Black Perftex Baffle, White Self-flange

6110BKBB
Black Perftex Baffle, Black Self-flange

Dimensions**
A: 6-5/8" [169mm]
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

6125 Full Cone Baffle, Self-flange

- Full cone baffle
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	**6125WB:** 43W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40 **6125BB, 6125BKBB:** 43W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 85W BR40
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6125WB
White Baffle, White Self-flange

6125BB
Black Baffle, White Self-flange

6125BKBB
Black Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

6126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	43W A19, 75W PAR30S, 75W PAR30L, 65W BR30
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6126WB
White Baffle, White Self-flange

6126BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Adjustable – Eyeballs & Gimbals

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- Torsion spring retention
- Socket supporting eyeball

Housings		Max Lamp Compatibility
H7ICT	H7RICT	75W PAR30S
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

74P
White Eyeball, White Trim

Dimensions**
A: 3-7/8" [98mm]
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

76 Gimbal 30° Tilt, Self-flange

- For use with PAR38 lamps
- 30° tilt
- Torsion spring retention

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	45W PAR38
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

76P
White Gimbal, White Trim

Dimensions**
OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7ICT	H7RICT	75W PAR30S, 75W PAR30L,
H7ICAT	H7RICAT	65W BR30, 75W R30
E7ICAT	E7RICAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

78P
White Eyeball, White Trim

78PAT
White Eyeball, White Trim
air tite

78SN
Satin Nickel Eyeball,
Satin Nickel Trim

78TBZ
Tuscan Bronze Eyeball,
Tuscan Bronze Trim

Dimensions**
A: 4" [100mm]
H: 4-1/8" [105mm]
OD: 8" [203mm]

376 Regressed Gimbal 30° Tilt, Self-flange

- 30° tilt
- Regressed gimbal with baffle
- Torsion spring retention
- Socket supporting gimbal

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	50W PAR30S, 50W PAR30L
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

376W
White Baffle, White Trim

376P
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

378 Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° tilt
- Regressed gimbal with splay trim
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- Socket supporting gimbal

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	35W PAR30L
E7ICAT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

378P
White Splay, White Trim

378
Clear Specular Splay, White Trim

Friction Clips on Trim

Dimensions**
OD: 7-1/4" [184mm]

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle splay
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	50W PAR30S, 50W PAR30L, 60W BR30
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

420W
White Eyeball & Baffle,
White Trim

420P
White Eyeball & Black Baffle,
White Trim

Dimensions**
A: 4" [100mm]
H: 4" [102mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

478 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° tilt
- Adjustable gimbal with splay trim for PAR38 lamps
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- Socket supporting gimbal

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	45W PAR38
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

478P
White Splay, White Trim

Friction Clips on Trim

Dimensions**
OD: 7-1/4" [184mm]

6130 Eyeball 35° Tilt, Self-flange

- 35° tilt, 360° rotation
- Adjustable eyeball trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	50W PAR30S, 75W PAR30L, 65W BR30
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130WH
White Eyeball, White Self-flange

Dimensions**
A: 3-7/8" [100mm]
H: 3-7/8" [100mm]
OD: 7-3/4" [197mm]

6170 Gimbal 25° Tilt, Self-flange

- 25° tilt, 360° rotation
- Adjustable gimbal for PAR38 lamps
- Torsion spring retention
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	45W PAR38
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6170WH
White Gimbal,
White Self-flange

6170BK
Black Gimbal,
Black Self-flange

6170SN
Satin Nickel Gimbal,
Satin Nickel Self-flange

6170TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Self-flange

Dimensions**
A: 4-1/2" [113mm]
H: 1-1/8" [30mm]
OD: 7-3/4" [197mm]

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- Double gimbal for PAR30 lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	
H7ICAT	H7RICAT	60W PAR30S, 60W PAR30L
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6215WH
White Gimbal,
White Self-flange

6215BK
Black Gimbal,
Black Self-flange

6215SN
Satin Nickel Gimbal,
Satin Nickel Self-flange

6215TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Self-flange

Dimensions**
A: 3-3/8" [84mm]
H: 2" [51mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

6222 Regressed Angle Cut Adjustable Gimbal, 45° Tilt, Self-flange

- 45° tilt, 360° rotation
- Fully regressed gimbal – self-flange ring
- Torsion spring retention
- Socket supporting gimbal
- Reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7RICT	39W PAR30S, 60W PAR30L
H7ICAT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6222WB
White Baffle, White Trim

6222BB
Black Baffle, White Trim

6222SC
Specular Clear Reflector White Trim

6222H
Haze Reflector, White Trim

Dimensions**
A: 3-3/4" [95mm]
H: 5-3/8" [137mm]
OD: 7-3/4" [197mm]

Lenses & Wet Location Showerlights

170 Albalite Lens with Reflector

- White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	40W A19
H7RICT	H7RICAT	
E7ICAT	E7RICAT	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

170P
Albalite Lens, White Trim

170PS
Albalite Lens, Polymer White Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- White trim with drop opal glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	40W A19
H7RICT	H7RICAT	
E7ICAT	E7RICAT	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

171P
Drop Opal Lens, White Trim

171PS
Drop Opal Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

172 Dome Glass Lens with Reflector

- Frosted glass dome
- Features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- Air-Tite trim makes any installation Air-Tite

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	60W A19, 50W PAR30S
H7RICT	H7RICAT	
E7ICAT	E7RICAT	**172PS:** 53W A19, 50W PAR30S **172SNS, 172TBZS:** 43W A19, 50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

172PS
Frosted Glass Dome,
White Polymer Trim

172TBZS
Frosted Glass Dome,
Tuscan Bronze Polymer Trim

Dimensions**
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	40W A19
H7RICT	H7RICAT	
E7ICAT	E7RICAT	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

173P
Fresnel Lens, White Trim

173PS
Fresnel Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

6145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location shallow Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	75W PAR30S, 75W PAR30L, 80W PAR38
H7RICT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6145WH
White Shallow Reflector,
White Self-flange

6145SN
Satin Nickel Shallow Reflector,
Satin Nickel Self-flange

6145TBZ
Tuscan Bronze Shallow Reflector,
Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [136mm]
D: 7/8" [22mm]
H: 4-7/8" [123mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

6146 Open Wet Location, Full Reflector Self-flange

- Open wet location Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	**6146WH:** 75W PAR30S, 75W PAR30L, 65W PAR38 **6146SN, 6146TBZ:** 60W PAR30S, 75W PAR30L, 65W PAR38
H7RICT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6146WH
White Reflector,
White Self-flange

6146SN
Satin Nickel Reflector,
Satin Nickel Self-flange

6146TBZ
Tuscan Bronze Reflector,
Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housings: H7ICT • H7ICAT • H7RICT • H7RICAT • E7ICAT • E7RICAT

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

Showerlight

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	
H7RICT	H7RICAT	29W A19, 39W PAR30S
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

6150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

6150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 4-1/5" [107mm]
OD: 7-3/4" [197mm]

6162 Drop Opal Plastic Lens, Self-flange

Showerlight

- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and plastic lens
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	
H7RICT	H7RICAT	29W A19
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6162WH
Drop Opal Plastic Lens with Reflector, Frosted Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 4-3/4" [122mm]
OD: 7-3/4" [197mm]

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25° for precise alignment with room

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	
H7RICT	H7RICAT	29W A19, 39W PAR30S
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

6230PN
Frost Glass Lens, Polished Nickel Squircle Trim

6230SN
Frost Glass Lens, Satin Nickel Squircle Trim

Dimensions**
A: 6" [152mm]
H: 4-1/4" [109mm]
D: 3/4" [20mm]
OD: 7-1/4" [185mm]

6255 Soft Square, Frost Curved Glass Lens, Self-flange

Showerlight

- Low profile curved frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Integral adjustment up to 90° for precise alignment to room
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/–25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	
H7RICT	H7RICAT	29W A19, 39W PAR30S
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

6255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

6255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-7/8" [149mm]
D: 1" [25mm]
H: 4-1/2" [114mm]
OD: 7-5/8" [194mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

Open, Splay & Wall Wash

300 Open Trim with Fixed Socket Bracket

- Open trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting internal bracket

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	75W PAR30S, 75W PAR30L 65W BR30
H7RICT	H7RICAT	
E7ICAT	E7RICAT	**300P:** 75W PAR30S, 75W PAR30L, 65W BR30 **300SN, 300TBZ:** 60W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

300P
Socket Bracket with White Open Trim

300SN
Socket Bracket with Satin Nickel Open Trim

300TBZ
Socket Bracket with Tuscan Bronze Open Trim

Dimensions**
A: 4-3/4" [122mm]
H: 4-3/4" [122mm]
OD: 7-1/4" [184mm]

327 White Splay Trim with Fixed Socket Bracket

- Splay trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting internal bracket

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	75W PAR30S, 75W PAR30L, 65W BR30
H7RICT	H7RICAT	
E7ICAT	E7RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

327P
White Splay Trim with Socket Bracket

Dimensions**
H: 4-1/2" [114mm]
OD: 7-3/4" [197mm]

328 White Splay Trim

- Splay trim for BR30 and PAR30 lamps
- Coil spring retention

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	50W PAR30S, 75W PAR30L 65W BR30, 75W R30
H7RICT	H7RICAT	
E7ICAT	E7RICAT	50W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

328P
White Splay Trim

Dimensions**
H: 3-7/8" [98mm]
OD: 7-3/4" [197mm]

430 Wall Wash with Baffle & Full Reflector

- Black or white step baffle with full reflector
- Designed to spread light close to the ceiling to eliminate the "cave effect"
- Torsion spring retention
- Makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7ICT	H7ICAT	40W A19
H7RICT	H7RICAT	
E7ICAT	E7RICAT	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

430W
White Baffle, White Trim

430P
Black Baffle, White Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Housing

H7UICAT

H7UICAT

6" IC, Air-Tite, New Construction Universal Housing, 120V

The H7UICAT universal housing is designed to support the use of higher wattage lamps than single wall housings (depending upon the trim). The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, and Got Nail! bar hangers. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H7UICAT is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.

Special Features

- Got Nail!™ bar hangers
- Pass-N-Thru™ bars
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

30	171	378	4041	6109	6150
70	172	404	4261	6120	6160
71	173	419	6100	6121	6162
73	300	420	6101	6125	6215
74	310	424	6102	6126	6222
76	328	425	6103	6130	6230
78	353	426	6106	6145	6255
79	376	429	6107	6146	30SBAT
170		430	6108		

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Double wall aluminum construction for greater heat dissipation, and support of higher wattage lamps
- The inner housing can be removed from plaster frame for junction box access
- Pre-installed Air-Tite ready ceiling contact gasket
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)
- Sealed and gasketed for Air-Tite ready installation

Socket Plate
- Fixed socket position maintains consistent lamp position
- The socket can be detached from the inner housing for use with socket supporting trims

Plaster Frame
Housing adjusts in plaster frame 1-3/8" to accommodate different ceiling thicknesses. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 7)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

Reflectors

30 Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housing	Max Lamp Compatibility
H7UICAT	100W A19, 75W PAR30S, 75W PAR30L, 100W PAR38, 85W BR30, 100W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30HAT
Haze Reflector, White Trim

30RGAT
Residential Gold Reflector, White Trim

30CAT
Clear Specular Reflector, White Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

30SBAT Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housing	Max Lamp Compatibility
H7UICAT	60W A19, 75W PAR30S, 75W PAR30L, 75W PAR38, 85W BR30, 100W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30SBAT
Specular Black Reflector & Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

404 Specular Reflector

- Full reflector for use with A-lamps
- Friction clip retention on housing plaster ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting reflector

Housing	Max Lamp Compatibility
H7UICAT	100W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

404C
Clear Reflector, White Trim

404H
Haze Reflector, White Trim

404SN
Satin Nickel Reflector, Satin Nickel Trim

404TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Friction Clips install on housing plaster ring

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

426 Reflector Cone

- Accepts a wide variety of lamps
- Coil spring retention
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 100W PAR38, 85W BR30, 100W R30, 100W R40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

426
Clear Specular Reflector Cone, White Trim

426MB
Black Specular Reflector Cone, White Trim

426H
Haze Reflector Cone, White Trim

426SN
Satin Nickel Reflector Cone, Satin Nickel Trim

426TBZ
Tuscan Bronze Reflector Cone, Tuscan Bronze Trim

Dimensions**
H: 2-5/8" [67mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housing: H7UICAT

429 Dayform White Cone, Self-flange

- Contoured sides shield interior view of housing
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40, 75W R30, 100W R40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

429P
White Reflector, White Self-flange

Dimensions**
H: 3" [76mm]
OD: 7-1/4" [184mm]

4041 White Reflector, Self-flange

- Self-flange reflector for use with A-lamps
- Friction clip retention on housing plaster ring
- Accessories available: OT403 oversize trim ring
- Socket supporting reflector

Housing	Max Lamp Compatibility
H7UICAT	100W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4041P
White Reflector, White Self-flange

Friction Clips install on housing plaster ring

Dimensions**
H: 5-1/4" [133mm]
OD: 7-1/4" [184mm]

4261 White Reflector Cone, Self-flange

- Self-flange reflector cone for use with R and PAR lamps
- Coil spring retention

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 100W PAR38, 85W BR30, 90W BR40, 100W R30, 100W R40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4261P
White Reflector, White Self-flange

Dimensions**
H: 2-5/8" [67mm]
OD: 7-1/4" [184mm]

6106 Straight Reflector Cone, Self-flange

- Straight sides of cone reflector for large diameter BR40 and PAR38, as well as BR30 and PAR30 lamps
- Self-flange reflector cone
- Coil spring retention
- Slightly oversized ring expands coverage of ceiling gaps and cut-out errors

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6106SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6107 Tapered Reflector, Self-flange

- Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6107SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6120 Full Cone Reflector, Self-flange

- Full cone reflector
- Torsion spring retention
- Socket supporting reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housing	Max Lamp Compatibility
H7UICAT	72W A19, 75W PAR30S, 75W PAR30L, 85W BR30, 90W PAR38, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6120WH
White Reflector, White Self-flange

6120SN
Satin Nickel Reflector, Satin Nickel Self-flange

6120TBZ
Tuscan Bonze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

6121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	72W A19, 75W PAR30S, 75W PAR30L, 85W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6121WH
White Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Baffles

30 Baffle, Self-flange

- Self-flange metal baffle, with upper reflector
- Socket supporting baffle
- Torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used

Housing	Max Lamp Compatibility
H7UICAT	75W A19, 75W PAR30S, 75W PAR30L, 100W PAR38, 85W BR30, 100W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30WAT
White Baffle & Reflector, White Trim

30WATH
White Baffle & Clear Reflector, White Trim

30PAT
Black Baffle & Clear Reflector, White Trim

30SNAT
Satin Nickel Baffle & Reflector, Satin Nickel Trim

30TBZAT
Tuscan Bronze Baffle & Reflector, Tuscan Bronze Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

310 Coilex® Baffle

- Black or white phenolic Coilex baffle with white metal trim ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil spring retention

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40, 75W R30, 100W R40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

310W
White Coilex Baffle, White Trim

310P
Black Coilex Baffle, White Trim

310SN
Satin Nickel Coilex Baffle, Satin Nickel Trim

310TBZ
Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim

Dimensions**
H: 3-1/16" [78mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housing: H7UICAT

353 Metal Baffle

- Metallic finish trim rings and baffles
- Coil spring retention
- Removable trim ring

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40, 75W R30, 100W R40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

353SN
Satin Nickel Baffle,
Satin Nickel Trim

353TBZ
Tuscan Bronze Baffle,
Tuscan Bronze Trim

Dimensions**
H: 3" [76mm]
OD: 7-1/4" [184mm]

6100 Tapered Metal Baffle with (2) Trim Rings

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide oversized 8.00" OD
- Coil spring retention

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6100WB
White Baffle, Narrow & Wide
White Trims (Included)

6100BB
Black Baffle, Narrow & Wide
White Trims (Included)

Dimensions**
A: 5-3/4" [148mm]
H: 2-7/8" [74mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

6101 Straight Metal Baffle with (2) Trim Rings

- Straight sides of metal baffle for large diameter lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide 8.00" OD
- Coil spring retention

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6101WB
White Baffle, Narrow & Wide
White Trim (Included)

6101BB
Black Baffle, Narrow & Wide
White Trim (Included)

Dimensions**
A: 5-5/8" [144mm]
H: 2-5/8" [66mm]
OD: 7-1/8" [184mm] Narrow
OD: 8" [203mm] Wide

6102 Tapered Metal Baffle, Self-flange

- Contoured tapered sides of metal baffle
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6102WB
White Baffle, White Self-flange

6102BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6103 Straight Metal Baffle, Self-flange

- Straight sides of metal baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6103WB
White Baffle, White Self-flange

6103BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6108 Coilex® Straight Plastic Baffle, Self-flange

- Straight sides of Coilex baffle for large diameter BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	60W PAR30S, 75W PAR30L, 90W PAR38, 65W BR30, 70W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6108WB
White Plastic Straight Coilex Baffle, White Self-flange

6108BB
Black Plastic Straight Coilex Baffle, White Self-flange

6108BKBB
Black Plastic Straight Coilex Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	50W PAR30S, 75W PAR30L, 45W PAR38, 65W BR30, 85W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6109WB
White Plastic Tapered Coilex Baffle, White Self-flange

6109BB
Black Plastic Tapered Coilex Baffle, White Self-flange

6109BKBB
Black Plastic Tapered Coilex Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

6125 Full Cone Baffle, Self-flange

- Full cone baffle
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	72W A19, 75W PAR30S, 75W PAR30L, 85W BR30, 90W PAR38, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6125WB
White Baffle, White Self-flange

6125BB
Black Baffle, White Self-flange

6125BKBB
Black Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housing: H7UICAT

6126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle for A19 and PAR30 lamps
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	72W A19, 75W PAR30S, 75W PAR30L, 85W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6126WB
White Baffle, White Self-flange

6126BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Adjustable – Eyeballs & Gimbals

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- Torsion spring retention
- Socket supporting eyeball

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

74P
White Eyeball, White Trim

Dimensions**
A: 3-7/8" [98mm]
OD: 8" [203mm]

76 Gimbal 30° Tilt, Self-flange

- For use with PAR38 lamps
- 30° tilt
- Torsion spring retention

Housing	Max Lamp Compatibility
H7UICAT	45W PAR38 (Side prong lamp recommended)

Compatible with Halogen, Incandescent, LED* or CFL* lamps

76P
White Gimbal, White Trim

Dimensions**
OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 85W BR30, 100W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

78P
White Eyeball, White Trim

78PAT
White Eyeball, White Trim

78SN
Satin Nickel Eyeball, Satin Nickel Trim

78TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 4" [100mm]
H: 4-1/8" [105mm]
OD: 8" [203mm]

376 Regressed Gimbal 30° Tilt, Self-flange

- 30° tilt
- Regressed gimbal with baffle
- Torsion spring retention
- Socket supporting gimbal

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

376W
White Baffle, White Trim

376P
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

378 Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° tilt
- Regressed gimbal with splay trim
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- Socket supporting gimbal

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

378P
White Splay, White Trim

378
Specular Clear Splay, White Trim

Friction Clips on Trim

Dimensions**
OD: 7-1/4" [184mm]

419 Regressed Eyeball with Splay 25° Tilt

- Regressed eyeball for use with splay
- 25° Tilt, 358° rotation
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Removable trim ring
- Socket supporting trim

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

419P
White Eyeball & Splay, White Trim

Dimensions**
OD: 7-1/4" [184mm]

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

420W
White Eyeball & Baffle, White Trim

420P
White Eyeball & Black Baffle, White Trim

Dimensions**
A: 4" [100mm]
H: 4" [102mm]
OD: 7-1/4" [184mm]

6130 Eyeball 35° Tilt, Self-flange

- 35° tilt, 360° rotation
- Adjustable eyeball trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130WH
White Eyeball, White Self-flange

Dimensions**
A: 3-7/8" [100mm]
H: 3-7/8" [100mm]
OD: 7-3/4" [197mm]

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- Double gimbal for PAR30 lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30 short-neck lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6215WH
White Gimbal, White Self-flange

6215BK
Black Gimbal, Black Self-flange

6215SN
Satin Nickel Gimbal, Satin Nickel Self-flange

6215TBZ
Tuscan Bronze Gimbal, Tuscan Bronze Self-flange

Dimensions**
A: 3-3/8" [84mm]
H: 2" [51mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housing: H7UICAT

6222 Regressed Angle Cut Adjustable Gimbal, 45° Tilt, Self-flange

- 45° tilt, 360° rotation
- Fully regressed gimbal – self-flange ring
- Torsion spring retention
- Socket supporting gimbal
- Reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	60W PAR30S, 75W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6222WB
White Baffle,
White Trim

6222BB
Black Baffle,
White Trim

6222SC
Specular Clear Reflector
White Trim

6222H
Haze Reflector,
White Trim

Dimensions**
A: 3-3/4" [95mm]
H: 5-3/8" [137mm]
OD: 7-3/4" [197mm]

Lenses & Wet Location Showerlights

70 Albalite Glass Lens

- White trim, glass Albalite lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- PS version features non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housing	Max Lamp Compatibility
H7UICAT	40W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

70P
Albalite Glass Lens,
White Trim

70PS
Albalite Glass Lens,
White Polymer Trim,
Wet Location
Showerlight

Dimensions**
OD: 8" [203mm]

71 Drop Opal Glass Lens

- White trim, drop opal glass lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- PS version features non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housing	Max Lamp Compatibility
H7UICAT	40W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

71P
Drop Opal Glass Lens,
White Trim

71PS
Drop Opal Glass Lens,
White Polymer Trim,
Wet Location
Showerlight

Dimensions**
OD: 8" [203mm]

73 Fresnel Glass Lens

- White trim with glass Fresnel lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- PS version features non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housing	Max Lamp Compatibility
H7UICAT	40W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

73P
Fresnel Glass Lens,
White Trim

73PS
Fresnel Glass Lens,
White Polymer Trim,
Wet Location
Showerlight

Dimensions**
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

170 Albalite Lens with Reflector

- White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housing	Max Lamp Compatibility
H7UICAT	40W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

170P
Albalite Lens, White Trim

170PS
Albalite Lens, Polymer White Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- White trim with drop opal glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housing	Max Lamp Compatibility
H7UICAT	60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

171P
Drop Opal Lens, White Trim

171PS
Drop Opal Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

172 Dome Glass Lens with Reflector

- Frosted glass dome
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- Air-Tite trim makes any installation Air-Tite

Housing	Max Lamp Compatibility
H7UICAT	75W A19, 75W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

172PS
Frosted Glass Dome,
White Polymer Trim

172TBZS
Frosted Glass Dome,
Tuscan Bronze Polymer Trim

Dimensions**
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housing	Max Lamp Compatibility
H7UICAT	60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

173P
Fresnel Lens, White Trim

173PS
Fresnel Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housing: H7UICAT

6145 Open Wet Location, Shallow Reflector, Self-flange

Showerlight

- Open wet location shallow Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6145WH
White Shallow Reflector, White Self-flange

6145SN
Satin Nickel Shallow Reflector, Satin Nickel Self-flange

6145TBZ
Tuscan Bronze Shallow Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [136mm]
D: 7/8 [22mm]
H: 4-7/8" [123mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

6146 Open Wet Location, Full Reflector Self-flange

Showerlight

- Open wet location Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 90W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6146WH
White Reflector, White Self-flange

6146SN
Satin Nickel Reflector, Satin Nickel Self-flange

6146TBZ
Tuscan Bronze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

Showerlight

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	43W A19, 50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

6150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

6150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 4-1/5" [107mm]
OD: 7-3/4" [197mm]

6160 Drop White Plastic Lens, Self-flange

Showerlight

- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and lens
- Torsion spring retention

Housing	Max Lamp Compatibility
H7UICAT	29W A19, 39W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6160WH
Drop White Plastic Lens, White Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 1-5/8" [41mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6162 Drop Opal Plastic Lens, Self-flange

Showerlight

- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and lens
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housing	Max Lamp Compatibility
H7UICAT	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6162WH
Drop Opal Plastic Lens with Reflector, Frosted Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 4-3/4" [122mm]
OD: 7-3/4" [197mm]

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25° for precise alignment with room

Housing	Max Lamp Compatibility
H7UICAT	43W A19, 39W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

6230PN
Frost Glass Lens, Polished Nickel Squircle Trim

6230SN
Frost Glass Lens, Satin Nickel Squircle Trim

Dimensions**
A: 6" [152mm]
H: 4-1/4" [109mm]
D: 3/4" [20mm]
OD: 7-1/4" [185mm]

6255 Soft Square, Frost Curved Glass Lens, Self-flange

- Low profile curved frost glass lens
- Wet location Showerlight for A19 lamps
- Torsion spring retention
- Integral adjustment up to 90° for precise alignment to room
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/–25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

Housing	Max Lamp Compatibility
H7UICAT	43W A19, 39W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

6255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

6255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-7/8" [149mm]
D: 1" [25mm]
H: 4-1/2" [114mm]
OD: 7-5/8" [194mm]

Open, Splay & Wall Wash

79 Pinhole Trim

- 1-7/8" open pinhole for R20 lamp
- Torsion spring retention

Housing	Max Lamp Compatibility
H7UICAT	50W PAR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

79
Pinhole Trim

Dimensions**
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Housing: H7UICAT

300 Open Trim with Fixed Socket Bracket

- Open trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting internal bracket

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 85W BR30, 100W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

300P
Socket Bracket with White Open Trim

300SN
Socket Bracket with Satin Nickel Open Trim

300TBZ
Socket Bracket with Tuscan Bronze Open Trim

Dimensions**
A: 4-3/4" [122mm]
H: 4-3/4" [122mm]
OD: 7-1/4" [184mm]

328 White Splay Trim

- Splay trim for BR30 and PAR30 lamps
- Coil spring retention

Housing	Max Lamp Compatibility
H7UICAT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

328P
White Splay Trim

Dimensions**
A: 3-7/8" [98mm]
OD: 7-3/4" [197mm]

424 Open Wall Wash / Reflector Downlight

- Designed to spread light on cabinets or wall close to ceiling and provide downlighting on counters

Housing	Max Lamp Compatibility
H7UICAT	60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

424P
Open Wall Wash and Downlight, White Trim

Dimensions**
OD: 7-1/4" [184mm]

425 Wall Wash with Coilex® Baffle and Scoop Reflector

- Black or white Phenolic Coilex® baffle with scoop reflector
- Designated to spread light close to ceiling
- Coil spring retention

Housing	Max Lamp Compatibility
H7UICAT	50W R30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

425W
White Baffle, White Trim

425P
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

430 Wall Wash with Baffle & Full Reflector

- Black or white step baffle with full reflector
- Designed to spread light close to the ceiling to eliminate the "cave effect"
- Torsion spring retention
- Makes installation Air-Tite regardless of housing used

Housing	Max Lamp Compatibility
H7UICAT	60W A19, 50W TB19, 60W BT15, 60W MB19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

430W
White Baffle, White Trim

430P
Black Baffle, White Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Housing - No Socket Bracket

H7ICTNB

H7ICTNB

6" IC, New Construction Housing, No Socket Bracket, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H7ICTNB is for installations where the housing will be in direct contact with insulation*. May be retrofit with compatible Halo LED lighting systems.

The H7ICTNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too. H7ICTNB may be converted into Air-Tite installation when used with Air-Tite trims.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible Socket Supporting Trims

30◊	172◊	404	6120	6145	6215
74	173◊	420	6121	6146	6222
76	300	430◊	6125	6150	6230
78◊	327	478	6126	6162	6255
170◊	376	4041	6130	6170	30SBAT◊
171◊	378				

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

◊ Air-Tite trims can make the H7ICTNB installation ASTM E283 compliant

Features

Housing
- Single wall aluminum housing
- Aluminum construction for greater heat dissipation
- Housing can be removed from the plaster frame for junction box access
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- Galvanized steel construction
- Plaster frame features include:
  - Regressed locking screw for securing hanger bars
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame
  - The housing may be removed from plaster frame to provide access to the junction box

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base IC Housing - No Socket Bracket

H7ICATNB

H7ICATNB

6" IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H7ICATNB is for installations where the housing will be in direct contact with insulation*, and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.

The H7ICATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too.

Special Features

- Got Nail!™ bar hangers
- q-Channel bars with Pass-N-Thru™
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Socket Supporting Trims

30	172	404	6120	6145	6215
74	173	420	6121	6146	6222
76	300	430	6125	6150	6230
78	327	478	6126	6162	6255
170	376	4041	6130	6170	30SBAT
171	378				

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall aluminum housing
- Aluminum construction for greater heat dissipation
- Sealed and gasketed for Air-Tite™ ready installation
- Designed for insulated ceilings in direct contact with insulation* (May also be installed in non-insulated ceilings)

Plaster Frame

- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness
- Galvanized steel construction
- Plaster frame features include:
  - Regressed locking screw for securing hanger bars
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame
  - The housing may be removed from plaster frame to provide access to the junction box
  - Pre-installed Air-Tite ready ceiling contact gasket

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Housing - No Socket Bracket

E7ICATNB

6 INCH

E7ICATNB

6" IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The E7ICATNB is a compact and efficient recessed housing optimized and listed for EISA compliant tungsten-halogen lamps, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.
The E7ICATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too.

Special Features

All-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Socket Supporting Trims

30	172	404	6120	6145	6215
74	173	420	6121	6146	6222
76	300	430	6125	6150	6230
78	327	478	6126	6162	6255
170	376	4041	6130	6170	30SBAT
171	378				

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Integral gasket for code-required gasket between fixture and finished ceiling – seals aperture without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Plaster Frame
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" – 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

***Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

Reflectors

30 Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7ICTNB	60W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40, 75W R30
H7ICATNB	
E7ICATNB	53W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30HAT
Haze Reflector, White Trim

30RGAT
Residential Gold Reflector, White Trim

30CAT
Clear Specular Reflector, White Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

30SBAT Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7ICTNB	40W A19, 50W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 75W R30, 65W BR40
H7ICATNB	
E7ICATNB	40W A19, 50W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 65W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30SBAT
Specular Black Reflector & Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

404 Specular Reflector

- Full reflector for use with A-lamps
- Friction clip retention on housing plaster ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7ICTNB	40W A19
H7ICATNB	
E7ICATNB	**404C, 404H:** 53W A19 **404SN, 404TBZ:** 43W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

404C
Clear Specular Reflector, White Trim

404H
Haze Reflector, White Trim

404SN
Satin Nickel Reflector, Satin Nickel Trim

404TBZ
Tuscan Bronze Reflector, Tuscan Bronze Trim

Friction Clips install on housing plaster ring

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

4041 White Reflector, Self-flange

- Self-flange reflector for use with A-lamps
- Friction clip retention on housing plaster ring
- Accessories available: OT403 oversize trim ring
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7ICTNB	60W A19
H7ICATNB	
E7ICATNB	53W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4041P
White Reflector, White Self-flange

Friction Clips install on housing plaster ring

Dimensions**
H: 5-1/4" [133mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6120 Full Cone Reflector, Self-flange

- Full cone reflector for BR30, BR40, A19 and PAR30 and PAR38 lamps
- Torsion spring retention
- Socket supporting reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7ICTNB H7ICATNB	**6120WH:** 43W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40
E7ICATNB	**6120SN, 6120TBZ:** 43W A19, 60W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6120WH
White Reflector, White Self-flange

6120SN
Satin Nickel Reflector, Satin Nickel Self-flange

6120TBZ
Tuscan Bonze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

6121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector for A19, PAR30, and BR30 lamps
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7ICTNB H7ICATNB E7ICATNB	43W A19, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6121WH
White Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Baffles

30 Baffle, Self-flange

- Self-flange metal baffle
- Socket supporting baffle
- Torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7ICTNB H7ICATNB	40W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40, 75W R30
E7ICATNB	**30WAT, 30WATH, 30PAT:** 40W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40 **30TBZAT, 30SNAT:** 40W A19, 60W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30WAT
White Baffle & Reflector, White Trim

30WATH
White Baffle & Clear Reflector, White Trim

30PAT
Black Baffle & Clear Reflector, White Trim

30SNAT
Satin Nickel Baffle & Reflector, Satin Nickel Trim

30TBZAT
Tuscan Bronze Baffle & Reflector, Tuscan Bronze Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

6125 Full Cone Baffle, Self-flange

- Full cone baffle
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB H7ICATNB	**6125WB:** 43W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 90W BR40
E7ICATNB	**6125BB, 6125BKBB:** 43W A19, 75W PAR30S, 75W PAR30L, 65W PAR38, 65W BR30, 85W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6125WB
White Baffle, White Self-flange

6125BB
Black Baffle, White Self-flange

6125BKBB
Black Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

6126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle for A19 and PAR30 lamps
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7ICTNB	43W A19, 75W PAR30S, 75W PAR30L, 65W BR30
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6126WB
White Baffle, White Self-flange

6126BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Adjustable – Eyeballs & Gimbals

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- Torsion spring retention
- Socket supporting eyeball

Housings	Max Lamp Compatibility
H7ICTNB	75W PAR30S
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

74P
White Eyeball, White Trim

Dimensions**
A: 3-7/8" [98mm]
OD: 8" [203mm]

76 Gimbal 30° Tilt, Self-flange

- For use with PAR38 lamps
- 30° tilt
- Torsion spring retention

Housings	Max Lamp Compatibility
H7ICTNB	45W PAR38
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

76P
White Gimbal, White Trim

Dimensions**
OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7ICTNB	75W PAR30L, 65W BR30, 75W R30
H7ICATNB	
E7ICATNB	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

78P
White Eyeball, White Trim

78PAT
White Eyeball, White Trim

78SN
Satin Nickel Eyeball, Satin Nickel Trim

78TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 4" [100mm]
H: 4-1/8" [105mm]
OD: 8" [203mm]

376 Regressed Gimbal 30° Tilt, Self-flange

- 30° tilt
- Regressed gimbal with baffle
- Torsion spring retention
- Socket supporting gimbal

Housings	Max Lamp Compatibility
H7ICTNB	50W PAR30S, 50W PAR30L
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

376W
White Baffle, White Trim

376P
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

378 Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° tilt
- Regressed gimbal with splay trim
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- Socket supporting gimbal

Housings	Max Lamp Compatibility
H7ICTNB	35W PAR30L
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

378P
White Splay, White Trim

378
Clear Specular Splay, White Trim

Friction Clips on Trim

Dimensions**
OD: 7-1/4" [184mm]

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle splay
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

Housings	Max Lamp Compatibility
H7ICTNB	50W PAR30S, 50W PAR30L, 60W BR30
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

420W
White Eyeball & Baffle, White Trim

420P
White Eyeball & Black Baffle, White Trim

Dimensions**
A: 4" [100mm]
H: 4" [102mm]
OD: 7-1/4" [184mm]

478 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° tilt
- Adjustable gimbal with splay trim for PAR38 lamps
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip on trim
- Socket supporting gimbal

Housings	Max Lamp Compatibility
H7ICTNB	45W PAR38
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

478P
White Splay, White Trim

Friction Clips on Trim

Dimensions**
OD: 7-1/4" [184mm]

6130 Eyeball 35° Tilt, Self-flange

- 35° tilt, 360° rotation
- Adjustable eyeball trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB	50W PAR30S, 75W PAR30L, 65W BR30
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130WH
White Eyeball, White Self-flange

Dimensions**
A: 3-7/8" [100mm]
H: 3-7/8" [100mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

6170 Gimbal 25° Tilt, Self-flange

- 25° tilt, 360° rotation
- Adjustable gimbal for PAR38 lamps
- Torsion spring retention
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB	
H7ICATNB	45W PAR38L
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6170WH
White Gimbal,
White Self-flange

6170BK
Black Gimbal,
Black Self-flange

6170SN
Satin Nickel Gimbal,
Satin Nickel Self-flange

6170TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Self-flange

Dimensions**
A: 4-1/2" [113mm]
H: 1-1/15" [30mm]
OD: 7-3/4" [197mm]

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- Double gimbal for PAR30 lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB	
H7ICATNB	60W PAR30S, 60W PAR30L
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6215WH
White Gimbal,
White Self-flange

6215BK
Black Gimbal,
Black Self-flange

6215SN
Satin Nickel Gimbal,
Satin Nickel Self-flange

6215TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Self-flange

Dimensions**
A: 3-3/8" [84mm]
H: 2" [51mm]
OD: 7-3/4" [197mm]

6222 Regressed Angle Cut Adjustable Gimbal, 45° Tilt, Self-flange

- 45° tilt, 360° rotation
- Fully regressed gimbal - self-flange ring
- Torsion spring retention
- Socket supporting gimbal
- Reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB	
H7ICATNB	39W PAR30S, 60W PAR30L
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6222WB
White Baffle, White Trim

6222BB
Black Baffle, White Trim

6222SC
Specular Clear Reflector
White Trim

6222H
Haze Reflector,
White Trim

Dimensions**
A: 3-3/4" [95mm]
H: 5-3/8" [137mm]
OD: 7-3/4" [197mm]

Lenses & Wet Location Showerlights

170 Albalite Lens with Reflector

- White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H7ICTNB	40W A19
H7ICATNB	
E7ICATNB	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

170P
Albalite Lens, White Trim

170PS
Albalite Lens, Polymer White Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

171 Drop Opal Glass Lens with Reflector

- White trim with drop opal glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H7ICTNB	40W A19
H7ICATNB	
E7ICATNB	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

171P
Drop Opal Lens, White Trim

171PS
Drop Opal Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

172 Dome Glass Lens with Reflector

- Frosted glass dome
- Wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Features "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention

Housings	Max Lamp Compatibility
H7ICTNB	60W A19
H7ICATNB	
E7ICATNB	**172PS:** 53W A19, 50W PAR30S **172SNS, 172TBZS:** 43W A19, 50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

172PS
Frosted Glass Dome, White Polymer Trim

172SNS
Frosted Glass Dome, Satin Nickel Polymer Trim

172TBZS
Frosted Glass Dome, Tuscan Bronze Polymer Trim

Dimensions**
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H7ICTNB	40W A19
H7ICATNB	
E7ICATNB	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

173P
Fresnel Lens, White Trim

173PS
Fresnel Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

6145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location shallow Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB	75W PAR30S, 75W PAR30L, 80W PAR38
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6145WH
White Shallow Reflector, White Self-flange

6145SN
Satin Nickel Shallow Reflector, Satin Nickel Self-flange

6145TBZ
Tuscan Bronze Shallow Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [136mm]
D: 7/8 [22mm]
H: 4-7/8" [123mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY
(Purchase Separately)

Lamp Gasket
(Included)

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC "NB" Housings: H7ICTNB • H7ICATNB • E7ICATNB

6146 Open Wet Location, Full Reflector Self-flange

Showerlight

- Open wet location Showerlight for PAR30 and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB H7ICATNB E7ICATNB	**6146WH:** 75W PAR30S, 75W PAR30L, 65W PAR38 **6146SN, 6146TBZ:** 60W PAR30S, 75W PAR30L, 65W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6146WH
White Reflector, White Self-flange

6146SN
Satin Nickel Reflector, Satin Nickel Self-flange

6146TBZ
Tuscan Bronze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

Showerlight

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB H7ICATNB E7ICATNB	29W A19, 39W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

6150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

6150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 4-1/5" [107mm]
OD: 7-3/4" [197mm]

6162 Drop Opal Plastic Lens, Self-flange

Showerlight

- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and lens
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings	Max Lamp Compatibility
H7ICTNB H7ICATNB E7ICATNB	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6162WH
Drop Opal Plastic Lens with Reflector, Frosted Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 4-3/4" [122mm]
OD: 7-3/4" [197mm]

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25° for precise alignment with room

Housings	Max Lamp Compatibility
H7ICTNB H7ICATNB E7ICATNB	29W A19, 39W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

6230PN
Frost Glass Lens, Polished Nickel Squircle Trim

6230SN
Frost Glass Lens, Satin Nickel Squircle Trim

Dimensions**
A: 6" [152mm]
H: 4-1/4" [109mm]
D: 3/4" [20mm]
OD: 7-1/4" [185mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6255 Soft Square, Frost Curved Glass Lens, Self-flange

Showerlight

- Low profile curved frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/– 25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

Housings	Max Lamp Compatibility
H7ICTNB	29W A19, 39W PAR30S
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

6255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

6255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-7/8" [149mm]
D: 1" [25mm]
H: 4-1/2" [114mm]
OD: 7-5/8" [194mm]

Open, Splay & Wall Wash

300 Open Trim with Fixed Socket Bracket

- Open trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting internal bracket

Housings	Max Lamp Compatibility
H7ICTNB	75W PAR30S, 75W PAR30L, 65W BR30
H7ICATNB	
E7ICATNB	**300P:** 75W PAR30S, 75W PAR30L, 65W BR30 **300SN, 300TBZ:** 60W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

300P
Socket Bracket with White Open Trim

300SN
Socket Bracket with Satin Nickel Open Trim

300TBZ
Socket Bracket with Tuscan Bronze Open Trim

Dimensions**
A: 4-3/4" [122mm]
H: 4-3/4" [122mm]
OD: 7-1/4" [184mm]

327 White Splay Trim with Fixed Socket Bracket

- Splay trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting internal bracket

Housings	Max Lamp Compatibility
H7ICTNB	75W PAR30S, 75W PAR30L, 65W BR30
H7ICATNB	
E7ICATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

327P
White Splay Trim with Socket Bracket

Dimensions**
H: 4-1/2" [114mm]
OD: 7-3/4" [197mm]

430 Wall Wash with Baffle & Full Reflector

air-tite

- Black or white step baffle with full reflector
- Designed to spread light close to the ceiling to eliminate the "cave effect"
- Torsion spring retention
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7ICTNB	40W A19
H7ICATNB	
E7ICATNB	29W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

430W
White Baffle, White Trim

430P
Black Baffle, White Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base IC Shallow Housing

H27ICAT

H27ICAT

6" IC, Air-Tite, Shallow New Construction Housing, 120V

The H27ICAT recessed housing is designed for shallow ceilings and is a standard in the industry for both light commercial and residential applications. H27 series features robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H27ICAT is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.

Special Features

- Got Nail!™ bar hangers
- q-Channel bars with Pass-N-Thru™
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

74	300	420	6103	6110	6150
78	310	426	6106	6121	6162
170	328	6100	6107	6126	6215
171	353	6101	6108	6130	6230
172		6102	6109	6145	6255
173					

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall aluminum housing
- Aluminum housing for greater heat dissipation
- Sealed and gasketed for Air-Tite ready installation

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
Housing adjusts in plaster frame 1" to accommodate different ceiling thicknesses. Galvanized steel construction. Plaster frame features include:
- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- The housing may be removed from plaster frame to provide access to the junction box
- Halo name embossed on plaster frame
- Pre-installed Air-Tite ready ceiling contact gasket

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snaps into socket plate (or into socket supporting trim for consistent lamp positioning)
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Shallow Housing

H27RICAT

6 INCH

H27RICAT

6" IC, Air-Tite, Shallow Remodel Housing, 120V

The H27RICAT recessed remodel housing is designed for shallow ceilings and is a standard in the industry for both light commercial and residential applications. H27 series shallow remodel housings features robust construction, full-sized remodel junction box; and may support use of higher wattage lamps. Designed for use in existing ceilings, the remodel housing slips through opening in the finished ceiling. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. H27RICAT is for installations where the housing will be in direct contact with insulation,* and its Air-Tite design will also meet restricted air flow code requirements. May be retrofit with compatible Halo LED lighting systems.

Special Features

Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

74	300	420	6103	6110	6150
78	310	426	6106	6121	6162
170	328	6100	6107	6126	6215
171	353	6101	6108	6130	6230
172		6102	6109	6145	6255

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall aluminum housing
- Aluminum construction for greater heat dissipation
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.
- Halo name embossed on housing
- Pre-installed Air-Tite ready ceiling contact gasket on flange

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Remodel Springs
Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:
- Quick Connect™ push wire nuts (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Junction Box
- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base IC Shallow Housing

E27ICAT

E27ICAT

6" IC, Air-Tite, Shallow New Construction Housing, 120V

The E27ICAT is a compact and efficient shallow recessed remodel housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial shallow ceiling applications. For installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.

Special Features

- All-Nail!™ bar hangers
- q-Channel bars with Pass-N-Thru™
- Hinged j-box with Slide-N-Side™
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

74	300	420	6103	6110	6150
78	310	426	6106	6121	6162
170	328	6100	6107	6126	6215
171	353	6101	6108	6130	6230
172		6102	6109	6145	6255
173					

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed shallow aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" – 1" ceiling thickness.
- (2) Regressed locking screw for securing hanger bars
- Integral Air-Tite gasket seals housing and meets code-required gasket between fixture and finished ceiling

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base IC Shallow Housing

E27RICAT

6 INCH

E27RICAT

6" IC, Air-Tite, Shallow Remodel Housing, 120V

The E27RICAT is a compact and efficient shallow recessed remodel housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial shallow ceiling applications. For installation in insulated ceilings* and non-insulated ceilings with Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.

Special Features

Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

74	300	420	6103	6110	6150
78	310	426	6106	6121	6162
170	328	6100	6107	6126	6215
171	353	6101	6108	6130	6230
172		6102	6109	6145	6255

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-formed shallow aluminum housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, flange and finished ceiling - without need for additional caulk
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Remodel Retention System - Speed Clamps

- Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling materials

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:

- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray

- (3) Color coded push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- No additional wire nuts required

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

E26 Screw Base Trims

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

Reflectors

426 Reflector Cone

- Accepts a wide variety of lamps
- Coil spring retention
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housings	Max Lamp Compatibility
H27ICAT H27RICAT	50W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E27ICAT E27RICAT	50W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

426
Clear Specular Reflector Cone, White Trim

426MB
Black Specular Reflector Cone, White Trim

426H
Haze Reflector Cone, White Trim

426SN
Satin Nickel Reflector Cone, Satin Nickel Trim

426TBZ
Tuscan Bronze Reflector Cone, Tuscan Bronze Trim

H930 (H7 Housings ONLY) PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.

Dimensions**
H: 2-5/8" [67mm]
OD: 7-1/4" [184mm]

6106 Straight Reflector Cone, Self-flange

- Straight sides of cone reflector for large diameter, as well as BR30 and PAR30 lamps
- Self-flange reflector cone
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L, 60W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6106SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6107 Tapered Reflector, Self-flange

- Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L, 65W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6107SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector for A19, PAR30S and BR30 lamps
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	40W A19, 60W PAR30S, 75W PAR30L, 65W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6121WH
White Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Baffles

310 Coilex® Baffle

- Black or white phenolic Coilex baffle with white metal trim ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil spring retention

Housings	Max Lamp Compatibility
H27ICAT	50W PAR30S, 75W PAR30L, 65W BR30
H27RICAT	
E27ICAT	
E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

310W
White Coilex Baffle, White Trim

310P
Black Coilex Baffle, White Trim

310SN
Satin Nickel Coilex Baffle, Satin Nickel Trim

310TBZ
Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim

Dimensions**
H: 3-1/16" [78mm]
OD: 7-1/4" [184mm]

353 Metal Baffle

- Metallic finish trim rings and baffles
- Coil spring retention
- Removable trim ring

Housings	Max Lamp Compatibility
H27ICAT	50W PAR30S, 75W PAR30L, 65W BR30
H27RICAT	
E27ICAT	
E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

353SN
Satin Nickel Baffle, Satin Nickel Trim

353TBZ
Tuscan Bronze Baffle, Tuscan Bronze Trim

Dimensions**
H: 3" [76mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

6100 Tapered Metal Baffle with (2) Trim Rings

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide oversized 8.00" OD
- Coil spring retention

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L, 65W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6100WB
White Baffle, Narrow & Wide White Trims (Included)

6100BB
Black Baffle, Narrow & Wide White Trims (Included)

Dimensions**
A: 5-3/4" [148mm]
H: 2-7/8" [74mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

6101 Straight Metal Baffle with (2) Trim Rings

- Straight sides of metal baffle for large diameter lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide 8.00" OD
- Coil spring retention

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L, 60W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6101WB
White Baffle, Narrow & Wide White Trim (Included)

6101BB
Black Baffle, Narrow & Wide White Trim (Included)

Dimensions**
A: 5-5/8" [144mm]
H: 2-5/8" [66mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

6102 Tapered Metal Baffle, Self-flange

- Contoured tapered sides of metal baffle
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L, 65W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6102WB
White Baffle, White Self-flange

6102BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

6103 Straight Metal Baffle, Self-flange

- Straight sides of metal baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L, 60W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6103WB
White Baffle, White Self-flange

6103BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6108 Coilex® Straight Plastic Baffle, Self-flange

- Straight sides of Coilex baffle for large diameter BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	39W PAR30S, 60W PAR30L, 50W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6108WB
White Plastic Straight Coilex Baffle, White Self-flange

6108BB
Black Plastic Straight Coilex Baffle, White Self-flange

6108BKBB
Black Plastic Straight Coilex Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	50W PAR30S, 75W PAR30L, 65W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6109WB
White Plastic Tapered Coilex Baffle, White Self-flange

6109BB
Black Plastic Tapered Coilex Baffle, White Self-flange

6109BKBB
Black Plastic Tapered Coilex Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

6110 Perftex™ Baffle, Self-flange

- Perforated pattern baffle contoured for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	50W PAR30S, 60W PAR30L, 50W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6110WB
White Perftex Baffle, White Self-flange

6110BB
Black Perftex Baffle, White Self-flange

6110BKBB
Black Perftex Baffle, Black Self-flange

Dimensions**
A: 6-5/8" [169mm]
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

6126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle for A19 and PAR30S lamps
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	40W A19, 60W PAR30S, 75W PAR30L, 65W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6126WB
White Baffle, White Self-flange

6126BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

Adjustable – Eyeballs & Gimbals

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- Torsion spring retention
- Socket supporting eyeball

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	75W PAR30S
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

74P
White Eyeball & Trim

Dimensions**
A: 3-7/8" [98mm]
OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H27ICAT	75W PAR30L, 65W BR30, 75W R30
H27RICAT	
E27ICAT	75W PAR30L, 65W BR30
E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

78P
White Eyeball, White Trim

78PAT
White Eyeball, White Trim

78SN
Satin Nickel Eyeball,
Satin Nickel Trim

78TBZ
Tuscan Bronze Eyeball,
Tuscan Bronze Trim

Dimensions**
A: 4" [100mm]
H: 4-1/8" [105mm]
OD: 8" [203mm]

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle splay
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

Housings	Max Lamp Compatibility
H27ICAT	50W PAR30S, 50W PAR30L, 60W BR30
H27RICAT	
E27ICAT	
E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

420W
White Eyeball & Baffle,
White Trim

420P
White Eyeball & Black Baffle,
White Trim

Dimensions**
A: 4" [100mm]
H: 4" [102mm]
OD: 7-1/4" [184mm]

6130 Eyeball 35° Tilt, Self-flange

- 35° tilt, 360° rotation
- Adjustable eyeball trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	75W PAR30L, 65W BR30
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130WH
White Eyeball, White Self-flange

Dimensions**
A: 3-7/8" [100mm]
H: 3-7/8" [100mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- Double gimbal for PAR30S lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	60W PAR30S
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6215WH
White Gimbal,
White Self-flange

6215BK
Black Gimbal,
Black Self-flange

6215SN
Satin Nickel Gimbal,
Satin Nickel Self-flange

6215TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Self-flange

Dimensions**
A: 3-3/8" [84mm]
H: 2" [51mm]
OD: 7-3/4" [197mm]

Lenses & Wet Location Showerlights

170 Albalite Lens with Reflector

- White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H27ICAT	35W PAR30L
H27RICAT	40W A19
E27ICAT	29W A19
E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

170P
Albalite Lens, White Trim

170PS
Albalite Lens, Polymer White Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- White trim with drop opal glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version features "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H27ICAT	40W A19
H27RICAT	
E27ICAT	29W A19
E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

171P
Drop Opal Lens, White Trim

171PS
Drop Opal Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

172 Dome Glass Lens with Reflector

- Frosted glass dome
- Features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- Air-Tite trim makes any installation Air-Tite

Housings	Max Lamp Compatibility
H27ICAT	60W A19, 50W PAR30S
H27RICAT	
E27ICAT	43W A19
E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

172PS
Frosted Glass Dome,
White Polymer Trim

172TBZS
Frosted Glass Dome,
Tuscan Bronze Polymer Trim

Dimensions**
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

IC Shallow Housings: H27ICAT • H27RICAT • E27ICAT • E27RICAT

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H27ICAT	40W A19, 35W PAR30L
E27ICAT	35W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

173P
Fresnel Lens, White Trim

173PS
Fresnel Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

6145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location shallow Showerlight for PAR30S and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	75W PAR30S, 75W PAR30L, 80W PAR38
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6145WH
White Shallow Reflector, White Self-flange

6145SN
Satin Nickel Shallow Reflector, Satin Nickel Self-flange

6145TBZ
Tuscan Bronze Shallow Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [136mm]
D: 7/8 [22mm]
H: 4-7/8" [123mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY
(Purchase Separately)

Lamp Gasket
(Included)

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	29W A19, 39W PAR30S
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

6150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

6150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 4-1/5" [107mm]
OD: 7-3/4" [197mm]

6162 Drop Opal Plastic Lens, Self-flange

- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and lens
- Torsion spring retention
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	29W A19
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6162WH
Drop Opal Plastic Lens with Reflector, Frosted Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 3-7/8" [122mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25° for precise alignment with room

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	29W A19
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

6230PN
Frost Glass Lens, Polished Nickel Squircle Trim

6230SN
Frost Glass Lens, Satin Nickel Squircle Trim

Dimensions**
A: 6" [152mm]
H: 4-1/4" [109mm]
D: 3/4" [20mm]
OD: 7-1/4" [185mm]

6255 Soft Square, Frost Curved Glass Lens, Self-flange

Showerlight

- Low profile curved frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/– 25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

Housings		Max Lamp Compatibility
H27ICAT	E27ICAT	29W A19
H27RICAT	E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

6255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

6255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-7/8" [149mm]
D: 1" [25mm]
H: 4-1/2" [114mm]
OD: 7-5/8" [194mm]

Open, Splay & Wall Wash

300 Open Trim with Fixed Socket Bracket

- Open trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting internal bracket

Housings	Max Lamp Compatibility
H27ICAT	75W PAR30S, 50W PAR30L, 60W BR30
H27RICAT	75W PAR30S, 60W BR30
E27ICAT	**300P:** 60W PAR30S, 60W PAR30L, 60W BR30
E27RICAT	**300SN, 300TBZ:** 60W PAR30S, 60W PAR30L, 50W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

300P
Socket Bracket with White Open Trim

300SN
Socket Bracket with Satin Nickel Open Trim

300TBZ
Socket Bracket with Tuscan Bronze Open Trim

Dimensions**
A: 4-3/4" [122mm]
H: 4-3/4" [122mm]
OD: 7-1/4" [184mm]

328 White Splay Trim

- Splay trim for BR30 and PAR30 lamps
- Coil spring retention

Housings	Max Lamp Compatibility
H27ICAT	50W PAR30S, 75W PAR30L, 65W BR30
H27RICAT	
E27ICAT	
E27RICAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

328P
White Splay Trim

Dimensions**
H: 3-7/8" [98mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Non-Insulated Ceiling Housings & Trims

Quick Reference – Non-IC

Trim Series #	Style	H7T	H7TCP	H7RT	E7TAT	E7RTAT	H7TNB	E7TATNB	H27T	H27RT	E27TAT	E27RTAT
30	Reflector & Baffle	•	•	•	•	•	•	•	—	—	—	—
70	Showerlight	•	•	•	•	•	—	—	•	—	•	—
71	Showerlight	•	•	•	•	•	—	—	•	—	•	—
73	Showerlight	•	•	•	•	•	—	—	•	—	•	—
74	Adjustable	•	—	•	•	•	•	•	•	•	•	•
76	Adjustable	•	•	•	•	•	•	•	—	—	—	—
78	Adjustable	•	•	•	•	•	•	•	•	•	•	•
79	Pinhole	•	•	—	•	—	—	—	•	•	•	•
170	Showerlight	•	—	•	•	•	•	•	•	•	•	•
171	Showerlight	•	—	•	•	•	•	•	•	•	•	•
172	Showerlight	•	—	•	•	•	•	•	•	•	•	•
173	Showerlight	•	—	•	•	•	•	•	•	•	•	•
300	Open	•	—	—	•	—	—	—	—	—	—	—
301	Open	•	•	•	•	•	—	—	•	•	•	•
303	Wall Wash	•	•	•	•	•	—	—	—	—	—	—
310	Baffle	•	•	•	•	•	—	—	•	•	•	•
328	Splay	•	•	•	•	•	—	—	•	•	•	•
353	Baffle	•	—	•	•	•	—	—	•	•	•	•
376	Adjustable	•	•	•	•	•	•	•	•	•	•	•
378	Adjustable	•	•	•	•	—	•	•	•	•	•	—
401	Open	•	•	•	•	•	—	—	—	—	—	—
405	Reflector	•	•	•	•	•	•	•	—	—	—	—
410	Baffle	•	•	•	•	•	—	—	—	—	—	—
419	Adjustable	•	•	•	•	•	•	•	•	•	•	•
420	Adjustable	•	—	•	•	•	•	•	•	•	•	•
424	Wall Wash	•	•	•	•	•	—	—	—	—	—	—
425	Wall Wash	•	•	•	•	•	—	—	—	—	—	—
426	Reflector	•	•	•	•	•	—	—	•	•	•	•
428	Splay	•	•	•	•	•	—	—	—	—	—	—
429	Reflector	•	•	•	•	•	—	—	—	—	—	—
430	Wall Wash	•	—	—	•	—	•	•	—	—	—	—
478	Adjustable	•	•	•	•	•	•	•	—	—	—	—
1412	Adjustable	•	—	•	•	—	—	—	—	—	—	—
1416	Reflector & Baffle	•	—	•	•	—	—	—	—	—	—	—
1417	Adjustable	•	•	•	•	—	—	—	—	—	—	—
1450	Slot	•	—	•	—	—	—	—	—	—	—	—
1475	Adjustable	•	—	•	•	•	—	—	—	—	—	—
1479	Pinhole	•	•	•	•	•	—	—	—	—	—	—
4051	Reflector	•	—	•	•	•	•	•	—	—	—	—
4261	Reflector	•	—	•	•	•	—	—	•	•	•	•
30SBAT	Reflector	•	—	•	•	•	•	•	—	—	—	—

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-Insulated Ceiling Housings & Trims

Quick Reference – Non-IC

6 INCH

Trim Series #	Style	H7T	H7TCP	H7RT	E7TAT	E7RTAT	H7TNB	E7TATNB	H27T	H27RT	E27TAT	E27RTAT
6100	Baffle	•	•	•	•	•	—	—	•	•	•	•
6101	Baffle	•	•	•	•	•	—	—	•	•	•	•
6102	Baffle	•	•	•	•	•	—	—	•	•	•	•
6103	Baffle	•	•	•	•	•	—	—	•	•	•	•
6106	Reflector	•	•	•	•	•	—	—	•	•	•	•
6107	Reflector	•	•	•	•	•	—	—	•	•	•	•
6108	Baffle	•	•	•	•	•	—	—	•	•	•	•
6109	Baffle	•	•	•	•	•	—	—	•	•	•	•
6110	Baffle	•	•	•	•	•	—	—	•	•	•	•
6120	Reflector	•	•	•	•	•	•	•	—	—	—	—
6121	Reflector	•	—	•	•	•	•	•	•	•	•	•
6125	Baffle	•	•	•	•	•	•	•	—	—	—	—
6126	Baffle	•	—	•	•	•	•	•	•	•	•	•
6130	Adjustable	•	•	•	•	•	•	•	•	•	•	•
6145	Open Showerlight	•	•	•	•	•	•	•	•	•	•	•
6146	Open Showerlight	•	•	•	•	•	•	•	—	—	—	—
6150	Showerlight	•	•	•	•	•	•	•	•	•	•	•
6160	Showerlight	•	•	•	•	•	—	—	•	—	•	—
6170	Adjustable	•	•	•	•	•	•	•	—	—	—	—
6215	Adjustable	•	•	•	•	•	•	•	•	•	•	•
6222	Adjustable	•	•	•	•	•	•	•	—	—	—	—
6230	Showerlight	•	•	•	•	•	•	•	•	•	•	•
6255	Showerlight	•	•	•	•	•	•	•	•	•	•	•

E26 Screw Base Non-IC Housing

H7T

H7T

6" Non-IC, New Construction, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7T is for use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible Trims

30◊	172◊	378	428	1479	6108	6146
70	173	401	429	4051	6109	6150
71	300	405	430◊	4261	6110	6160
73	301	410	478	6100	6120◊	6170
74	303	419	1412	6101	6121◊	6215
76	310	420	1416	6102	6125◊	6222
78◊	328	424	1417	6103	6126◊	6230
79	353	425	1450	6106	6130	6255
170	376	426	1475	6107	6145	30SBAT◊
171						

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

◊ Air-Tite trims can make the H7T installation ASTM E283 compliant (in a non-insulated ceiling)

Features

Housing
- Single wall die-stamped CRS housing
- White housing paint finish

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- The housing can be removed from plaster frame to provide access to the junction box
- Galvanized steel construction
- Housing adjusts in plaster frame to accommodate ceilings up to 1" – 3/8" thick
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- IP rated (Improper Lamp)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-IC Housing

H7TCP

H7TCP

6" Non-IC, New Construction or Remodel, Chicago Plenum, 120V

The H7TCP recessed housing is designed for City of Chicago applications. The wide variety of trims available allows a number of different lighting effects to be created with one basic housing. The H7TCP is designed for non-insulated Chicago Plenum ceilings where insulation must be kept a minimum of 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.

Special Features

Chicago Plenum

Compatible Trims

30	301	405	429	6103	6120	6160
70	303	410	478	6106	6125	6170
71	310	419	1417	6107	6130	6215
73	328	424	1479	6108	6145	6222
76	376	425	6100	6109	6146	6230
78	378	426	6101	6110	6150	6255
79	401	428	6102			

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall CRS housing
- White housing paint finish
- Constructed and gasketed to meet Chicago CCEA requirements

Plaster Frame
- "Boat shaped" plaster frame design for new construction or remodel in existing ceilings
- Galvanized steel die-formed construction
- Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- IP rated (Improper Lamp)
- City of Chicago Environmental Air "Chicago Plenum" Compliant

E26 Screw Base Non-IC Housing

H7RT

H7RT

6" Non-IC, Remodel, 120V

The H7 recessed remodel housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7RT is for use in non-insulated existing ceilings where the remodel housing slips through opening in finished ceiling. If ceiling insulation is present, it must be kept 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.

c UL us LISTED

RoHS Compliant

Special Features

Quick Connect™ push wire nuts

Compatible Trims

30◊	172	378	428	4051	6109	6150
70	173	401	429	4261	6110	6160
71	301	405	478	6100	6120◊	6170
73	303	410	1412	6101	6121◊	6215
74	310	419	1416	6102	6125◊	6222
76	328	420	1417	6103	6126◊	6230
78◊	353	424	1450	6106	6130	6255
170	376	425	1475	6107	6145	30SBAT◊
171		426	1479	6108	6146	

c UL us LISTED Trims for use in Halo listed housings

CLASSIFIED UL Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

◊ Air-Tite trims can make the H7RT installation ASTM E283 compliant (in a non-insulated ceiling)

Features

Housing
- Single wall die-stamped CRS shallow housing
- White housing paint finish
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Remodel Springs
Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material

Junction Box
- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

Includes:
- Quick Connect™ push wire nuts (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- IP rated (Improper Lamp)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-IC Housing

E7TAT

E7TAT

6" Non-IC, Air-Tite, New Construction Housing, 120V

The E7TAT is a compact and efficient recessed Non-IC housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in non-insulated ceilings; if ceiling insulation is present it must be kept 3" from all sides of housing. Housing features Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.

Special Features

All-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

30	172	376	426	1479	6108	6146
70	173	378	428	4051	6109	6150
71	300	401	429	4261	6110	6160
73	301	405	430	6100	6120	6170
74	303	410	478	6101	6121	6215
76	310	419	1412	6102	6125	6222
78	328	420	1416	6103	6126	6230
79	353	424	1417	6106	6130	6255
170		425	1475	6107	6145	30SBAT
171						

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" - 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

E26 Screw Base Non-IC Housing

E7RTAT

E7RTAT

6" Non-IC, Air-Tite, Remodel Housing, 120V

The E7RTAT is a compact and efficient recessed remodel Non-IC housing optimized and listed for EISA compliant, tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in non-insulated ceilings, if ceiling insulation is present it must be kept 3" from all sides of housing. Housing features Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.

Special Features

Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

30	172	376	426	6100	6110	6150
70	173	401	428	6101	6120	6160
71	301	405	429	6102	6121	6170
73	303	410	478	6103	6125	6215
74	310	419	1475	6106	6126	6222
76	328	420	1479	6107	6130	6230
78	353	424	4051	6108	6145	6255
170		425	4261	6109	6146	30SBAT
171						

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed housing
- Die formed flange maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, flange and finished ceiling - without need for additional caulk
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Remodel Retention System - Speed Clamps
- Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling materials

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray
- (3) Color coded 4-port push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- No additional wire nuts required

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

Specifications, compliances and dimensions subject to change without notice

Reflectors

30 Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7T	100W A19, 75W PAR30S, 75W PAR30L, 85W BR30, 100W R30, 150W PAR38
H7TCP	
H7RT	150W A21, 50W PAR30S, 75W PAR30L, 65W BR30, 75W R30, 150W PAR38
E7TAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30
E7RTAT	100W A19, 150W A21, 50W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30HAT
Haze Reflector, White Trim

30RGAT
Residential Gold Reflector, White Trim

30CAT
Clear Specular Reflector, White Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

30SBAT Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7T	100W A19, 150W A21, 50W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 100W R30
H7RT	150W A21, 50W PAR30S, 75W PAR30L, 65W BR30, 75W R30, 150W PAR38
E7TAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30
E7RTAT	100W A19, 150W A21, 50W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30SBAT
Specular Black Reflector & Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

405 Specular Full Cone Reflector

- Full reflector for use with A-lamps
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip retention on housing plaster ring
- Removable trim ring
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7T	
H7TCP	
H7RT	150W A21
E7TAT	
E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

405SC
Specular Clear Reflector, White Trim

Friction Clips install on housing plaster ring

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

426 Reflector Cone

- Accepts a wide variety of lamps
- Coil spring retention
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 150W PAR38, 65W BR30, 120W BR40, 75W R30, 150W R40
H7TCP	
H7RT	75W PAR30S, 75W PAR30L, 65W BR30, 120W BR40, 75W R30, 150W R40
E7TAT	75W PAR30S, 150W PAR38, 65W BR30, 120W BR40
E7RTAT	75W PAR30S, 75W PAR30L, 65W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

426
Clear Specular Reflector Cone, White Trim

426MB
Black Specular Reflector Cone, White Trim

426H
Haze Reflector Cone, White Trim

426SN
Satin Nickel Reflector Cone, Satin Nickel Trim

426TBZ
Tuscan Bronze Reflector Cone, Tuscan Bronze Trim

H930 (H7 Housings ONLY) PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.

Dimensions**
H: 2-5/8" [67mm]
OD: 7-1/4" [184mm]

429 Dayform White Cone, Self-flange

- Contoured sides shield interior view of housing
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
H7TCP	
H7RT	
E7TAT	75W PAR30S, 75W PAR30L, 65W BR30
E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

429P
White Reflector, White Self-flange

Dimensions**
H: 3" [76mm]
OD: 7-1/4" [184mm]

4051 White Full Cone Reflector, Self-flange

- Full reflector for use with A-lamps
- Friction clip retention on housing plaster ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting reflector

Housings		Max Lamp Compatibility
H7T	E7TAT	150W A21
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4051P
White Reflector, White Self-flange

Friction Clips install on housing plaster ring

Dimensions**
H: 6" [152mm]
OD: 7-1/4" [184mm]

4261 White Reflector Cone, Self-flange

- Accepts R and PAR lamps
- Coil spring retention

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 150W PAR38, 65W BR30, 120W BR40, 75W R30, 150W R40
H7RT	75W PAR30S, 75W PAR30L, 65W BR30, 120W BR40, 75W R30, 150W R40
E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30, 120W BR40
E7RTAT	75W PAR30S, 75W PAR30L, 65W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4261P
White Reflector, White Self-flange

Dimensions**
H: 2-5/8" [67mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6106 Straight Reflector Cone, Self-flange

- Straight sides of cone reflector
- Self-flange reflector cone
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30, 120W BR40
H7RT	E7RTAT	
H7TCP		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6106SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6107 Tapered Reflector, Self-flange

- Self-flange reflector cone
- Contoured tapered sides of cone reflector
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L, 65W BR30
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6107SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

6120 Full Cone Reflector, Self-flange

- Full cone reflector
- Torsion spring retention
- Socket supporting reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7T	E7TAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 120W BR40
H7RT	E7RTAT	
H7TCP		**6120WH:** 100W A19, 75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30 **6120SN, 6120TBZ:** 75W A19, 100W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6120WH
White Reflector, White Self-flange

6120SN
Satin Nickel Reflector, Satin Nickel Self-flange

6120TBZ
Tuscan Bonze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

6121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7T	E7TAT	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30
H7RT	E7RTAT	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6121WH
White Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

Baffles

30 Baffle, Self-flange

- Self-flange metal baffle with upper reflector
- Socket supporting baffle
- Torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7T	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 100W R30
H7TCP	75W A19, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 100W R30
H7RT	100W A19, 150W A21, 50W PAR30S, 50W PAR30L, 150W PAR38, 85W BR30, 100W R30
E7TAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30
E7RTAT	100W A19, 150W A21, 50W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30WAT
White Baffle & Reflector, White Trim

30WATH
White Baffle & Clear Reflector, White Trim

30PAT
Black Baffle & Clear Reflector, White Trim

30SNAT
Satin Nickel Baffle & Reflector, Satin Nickel Trim

30TBZAT
Tuscan Bronze Baffle & Reflector, Tuscan Bronze Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

310 Coilex® Baffle

- Black or white phenolic Coilex baffle with white metal trim ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil spring retention

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
H7TCP	75W PAR30S, 65W BR30, 75W R30
H7RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E7TAT E7RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

310W
White Coilex Baffle, White Trim

310P
Black Coilex Baffle, White Trim

310SN
Satin Nickel Coilex Baffle, Satin Nickel Trim

310TBZ
Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim

H930 (H7 Housings ONLY) PAR lamp aiming accessory for 310 and 426 trims. Allows 30° tilt and 358° rotation. 50W PAR30.

Dimensions**
H: 3-1/16" [78mm]
OD: 7-1/4" [184mm]

353 Metal Baffle

- Metallic finish trim rings and baffles
- Coil spring retention
- Removable trim ring

Housings	Max Lamp Compatibility
H7T H7RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E7TAT E7RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

353SN
Satin Nickel Baffle, Satin Nickel Trim

353TBZ
Tuscan Bronze Baffle, Tuscan Bronze Trim

Dimensions**
H: 3" [76mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

410 Coilex® Straight Plastic Baffle

- Straight sides of baffle for large diameter lamps
- Black or white phenolic Coilex baffle with separate trim ring
- For PAR38 and R40 lamps
- Removable metal trim ring

Housings	Max Lamp Compatibility
H7T H7TCP	75W PAR30S, 150W PAR38, 120W BR40, 150W R40
H7RT	120W BR40, 150W R40
E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30, 120W BR40
E7RTAT	120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

410W
White Baffle, White Metal Ring

410P
Black Baffle, White Metal Ring

Dimensions**
H: 2-1/4" [57mm]
OD: 7-1/4" [184mm]

6100 Tapered Metal Baffle with (2) Trim Rings

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide oversized 8.00" OD
- Coil spring retention

Housings		Max Lamp Compatibility
H7T H7TCP	E7TAT	75W PAR30S, 75W PAR30L, 65W BR30
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6100WB
White Baffle, Narrow & Wide
White Trims (Included)

6100BB
Black Baffle, Narrow & Wide
White Trims (Included)

Dimensions**
A: 5-3/4" [148mm]
H: 2-7/8" [74mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

6101 Straight Metal Baffle with (2) Trim Rings

- Straight sides of metal baffle for large diameter lamps
- Two plastic removable trim rings included narrow 7.25" OD and wide 8.00" OD
- Coil spring retention

Housings		Max Lamp Compatibility
H7T H7RT	E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30, 120W BR40,
H7TCP	E7RTAT	75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6101WB
White Baffle, Narrow & Wide
White Trim (Included)

6101BB
Black Baffle, Narrow & Wide
White Trim (Included)

Dimensions**
A: 5-5/8" [144mm]
H: 2-5/8" [66mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

6102 Tapered Metal Baffle, Self-flange

- Contoured tapered sides of metal baffle
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L, 65W BR30
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6102WB
White Baffle, White Self-flange

6102BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

6103 Straight Metal Baffle, Self-flange

- Straight sides of metal baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30, 120W BR40
H7RT		
H7TCP	E7RTAT	75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6103WB
White Baffle, White Self-flange

6103BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6108 Coilex® Straight Plastic Baffle, Self-flange

- Straight sides of Coilex baffle for large diameter BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30, 120W BR40
H7RT		
H7TCP	E7RTAT	75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6108WB
White Plastic Straight Coilex Baffle, White Self-flange

6108BB
Black Plastic Straight Coilex Baffle, White Self-flange

6108BKBB
Black Plastic Straight Coilex Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L, 65W BR30
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6109WB
White Plastic Tapered Coilex Baffle, White Self-flange

6109BB
Black Plastic Tapered Coilex Baffle, White Self-flange

6109BKBB
Black Plastic Tapered Coilex Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6110 Perftex™ Baffle, Self-flange

- Perforated pattern baffle contoured for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L, 65W BR30
H7RT	E7RTAT	
H7TCP		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6110WB
White Perftex Baffle, White Self-flange

6110BB
Black Perftex Baffle, White Self-flange

6110BKBB
Black Perftex Baffle, Black Self-flange

Dimensions**
A: 6-5/8" [169mm]
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

6125 Full Cone Baffle, Self-flange

- Full cone baffle
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 120W BR40
H7RT	E7RTAT	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 100W PAR38, 85W BR30, 120W BR40
H7TCP		**6125WB:** 100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 120W PAR38, 65W BR30 **6125BB, 6125BKBB:** 75W A19, 150W A21, 75W PAR30S, 75W PAR30L, 100W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6125WB
White Baffle, White Self-flange

6125BB
Black Baffle, White Self-flange

6125BKBB
Black Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

6126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle for A19 and PAR30S lamps
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30
H7RT	E7RTAT	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6126WB
White Baffle White Self-flange

6126BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Adjustable – Eyeballs & Gimbals

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- Torsion spring retention
- Socket supporting eyeball

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

74P
White Eyeball, White Trim

Dimensions**
A: 3-7/8" [98mm]
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

76 Gimbal 30° Tilt, Self-flange

- For use with PAR38 lamps
- 30° tilt
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	150W PAR38 (Side prong lamp recommended)
H7RT	E7RTAT	
H7TCP		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

76P
White Gimbal, White Trim

Dimensions**
OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
H7RT	
H7TCP	75W PAR30S, 75W R30, 65W BR30
E7TAT	75W PAR30S, 75W PAR30L, 65W BR30
E7RTAT	50W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

78P
White Eyeball, White Trim

78PAT
White Eyeball, White Trim

air tite

78SN
Satin Nickel Eyeball, Satin Nickel Trim

78TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 4" [100mm]
H: 4-1/8" [105mm]
OD: 8" [203mm]

376 Regressed Gimbal 30° Tilt, Self-flange

- 30° tilt
- Regressed gimbal with baffle
- Torsion spring retention
- Socket supporting gimbal

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S
H7TCP		
H7RT	E7RTAT	50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

376W
White Baffle, White Trim

376P
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

378 Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° tilt
- Regressed gimbal with splay trim
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- Socket supporting gimbal

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S
H7RT		
H7TCP		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

378P
White Splay, White Trim

378
Clear Specular Splay, White Trim

Friction Clips on Trim

Dimensions**
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

419 Regressed Eyeball with Splay 25° Tilt

- Regressed eyeball with splay
- 25° tilt, 358° rotation
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Removable trim ring
- Socket supporting trim

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S
H7RT	E7RTAT	
H7TCP		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

419P
White Eyeball & Splay, White Trim

Dimensions**
OD: 7-1/4" [184mm]

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 75W PAR30L, 75W BR30
H7RT	
E7TAT	75W PAR30S, 75W PAR30L
E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

420W
White Eyeball & Baffle, White Trim

420P
White Eyeball & Black Baffle, White Trim

Dimensions**
A: 4" [100mm]
H: 4" [102mm]
OD: 7-1/4" [184mm]

478 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° tilt
- Adjustable gimbal with splay trim for PAR38 lamps
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- Socket supporting gimbal

Housings		Max Lamp Compatibility
H7T		90W PAR38
H7TCP		
E7TAT		90W PAR38
H7RT	E7RTAT	90W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

478P
White Splay, White Trim

Friction Clips on Trim

Dimensions**
OD: 7-1/4" [184mm]

6130 Eyeball 35° Tilt, Self-flange

- 35° tilt, 360° rotation
- Adjustable eyeball trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L, 65W BR30
H7TCP		
H7RT	E7RTAT	50W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130WH
White Eyeball, White Self-flange

Dimensions**
A: 3-7/8" [100mm]
H: 3-7/8" [100mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

6170 Gimbal 25° Tilt, Self-flange

- 25° tilt, 360° rotation
- Adjustable gimbal for PAR38 lamps
- Torsion spring retention
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	90W PAR38
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6170WH
White Gimbal,
White Self-flange

6170BK
Black Gimbal,
Black Self-flange

6170SN
Satin Nickel Gimbal,
Satin Nickel Self-flange

6170TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Self-flange

Dimensions**
A: 4-1/2" [113mm]
H: 1-1/5" [30mm]
OD: 7-3/4" [197mm]

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- Double gimbal for PAR30 lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6215WH
White Gimbal,
White Self-flange

6215BK
Black Gimbal,
Black Self-flange

6215SN
Satin Nickel Gimbal,
Satin Nickel Self-flange

6215TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Self-flange

Dimensions**
A: 3-3/8" [84mm]
H: 2" [51mm]
OD: 7-3/4" [197mm]

6222 Regressed Angle Cut Adjustable Gimbal, 45° Tilt, Self-flange

- 45° tilt, 360° rotation
- Fully regressed gimbal – self-flange ring
- Torsion spring retention
- Socket supporting gimbal
- Reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	60W PAR16, 50W PAR20, 75W PAR30S, 75W PAR30L
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6222WB
White Baffle, White Trim

6222BB
Black Baffle, White Trim

6222SC
Specular Clear Reflector,
White Trim

6222H
Haze Reflector, White Trim

Dimensions**
A: 3-3/4" [95mm]
H: 5-3/8" [137mm]
OD: 7-3/4" [197mm]

Lenses & Wet Location Showerlights

70 Albalite Glass Lens

- White trim, glass Albalite lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	60W A19
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

70P
Albalite Glass Lens,
White Trim

70PS
Albalite Glass Lens,
White Trim, Wet Location

Showerlight

Dimensions**
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

71 Drop Opal Glass Lens

- White trim, drop opal glass lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	60W A19
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

71P
Drop Opal Glass Lens, White Trim

71PS
Drop Opal Glass Lens, White Polymer Trim, Wet Location

Showerlight

Dimensions**
OD: 8" [203mm]

73 Fresnel Glass Lens

- White trim with glass Fresnel lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	60W A19
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

73P
Fresnel Glass Lens, White Trim

73PS
Fresnel Glass Lens, White Trim, Wet Location

Showerlight

Dimensions**
OD: 8" [203mm]

170 Albalite Lens with Reflector

- White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H7T	E7TAT	60W A19
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

170P
Albalite Lens, White Trim

170PS
Albalite Lens, Polymer White Trim

airtite™ Showerlight

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- White trim with drop opal glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H7T	E7TAT	60W A19
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

171P
Drop Opal Lens, White Trim

171PS
Drop Opal Lens, White Polymer Trim

airtite™ Showerlight

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

172 Dome Glass Lens with Reflector

- Frosted glass dome
- Features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- Air-Tite trim makes any installation Air-Tite

Housings		Max Lamp Compatibility
H7T	E7TAT	100W A19, 75W PAR30S
H7RT	E7RTAT	60W A19, 50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

172PS
Frosted Glass Dome,
White Polymer Trim

172TBZS
Frosted Glass Dome,
Tuscan Bronze Polymer Trim

Dimensions**
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- PS version is "dead-front" construction and is wet location listed for use in showers
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H7T	E7TAT	60W A19
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

173P
Fresnel Lens, White Trim

173PS
Fresnel Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

6145 Open Wet Location, Shallow Reflector, Self-flange

- Open wet location shallow Showerlight for PAR30S, PAR30L and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6145WH
White Shallow Reflector,
White Self-flange

6145SN
Satin Nickel Shallow Reflector,
Satin Nickel Self-flange

6145TBZ
Tuscan Bronze Shallow Reflector,
Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [136mm]
D: 7/8 [22mm]
H: 4-7/8" [123mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

6146 Open Wet Location, Full Reflector Self-flange

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W PAR30L, 150W PAR38
H7RT	E7RTAT	
H7TCP		**6146WH:** 75W PAR30S, 75W PAR30L, 120W PAR38 **6146SN, 6146TBZ:** 75W PAR30S, 75W PAR30L, 100W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6146WH
White Reflector,
White Self-flange

6146SN
Satin Nickel Reflector,
Satin Nickel Self-flange

6146TBZ
Tuscan Bronze Reflector,
Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

Showerlight

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7T	E7TAT	60W A19, 60W PAR30S
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

6150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

6150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 4-1/2" [107mm]
OD: 7-3/4" [197mm]

6160 Drop White Plastic Lens, Self-flange

Showerlight

- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and lens
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	60W A19, 39W PAR30S
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6160WH
Drop White Plastic Lens, White Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 2-1/4" [57mm]
OD: 7-3/4" [197mm]

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25˚ for precise alignment with room

Housings		Max Lamp Compatibility
H7T	E7TAT	72W A19, 75W PAR30S
H7RT	E7RTAT	
H7TCP		60W A19, 75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

6230PN
Frost Glass Lens, Polished Nickel Squircle Trim

6230SN
Frost Glass Lens, Satin Nickel Squircle Trim

Dimensions**
A: 6" [152mm]
H: 4-1/4" [109mm]
D: 3/4" [20mm]
OD: 7-1/4" [185mm]

6255 Soft Square, Frost Curved Glass Lens, Self-flange

Showerlight

- Low profile curved frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Integral adjustment up to 90º for precise alignment to room
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/–25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

Housings		Max Lamp Compatibility
H7T	E7TAT	72W A19, 75W PAR30S
H7RT	E7RTAT	
H7TCP		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

6255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

6255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-7/8" [149mm]
D: 1" [25mm]
H: 4-1/2" [114mm]
OD: 7-5/8" [194mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

Open, Splay & Wall Wash

79 Pinhole Trim

- 1-7/8" open pinhole for R20 lamp
- Torsion spring retention

Housings	Max Lamp Compatibility
H7T	50W PAR20, 50W PAR30S, 50W R20
H7TCP	60W A19
E7TAT	50W PAR20, 50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

79
Pinhole Trim

Dimensions**
OD: 8" [203mm]

300 Open Trim with Fixed Socket Bracket

- Open trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting internal bracket

Housings	Max Lamp Compatibility
H7T	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E7TAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

300P
Socket Bracket with White Open Trim

300SN
Socket Bracket with Satin Nickel Open Trim

300TBZ
Socket Bracket with Tuscan Bronze Open Trim

Dimensions**
A: 4-3/4" [122mm]
H: 4-3/4" [122mm]
OD: 7-1/4" [184mm]

301 Open Trim

- Open trim for BR30, R30, and PAR30 lamps
- Coil spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W R30, 65W BR30
H7TCP		
H7RT	E7RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

301P
White Open Trim

301SN
Satin Nickel Open Trim

301TBZ
Tuscan Bronze Open Trim

Dimensions**
OD: 7-1/4" [184mm]

328 White Splay Trim

- Splay trim for BR30 and PAR30 lamps
- Coil spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	75W PAR30S, 75W R30, 65W BR30
H7TCP		
H7RT	E7RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

328P
White Splay Trim

Dimensions**
A: 3-7/8" [98mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Trims

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

401 Open Trim

- Open trim for BR40 and R40 lamps
- Coil spring retention

Housings		Max Lamp Compatibility
H7T	H7RT	120W BR40, 150W R40
H7TCP		
E7TAT	E7RTAT	120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

401P
White Open Trim

401AL
Satin Aluminum Open Trim

Dimensions**
OD: 8" [203mm]

428 White Splay Trim

- Splay trim for BR40 and R40 lamps
- Coil spring retention

Housings		Max Lamp Compatibility
H7T	H7RT	120W BR40, 150W R40
H7TCP		
E7TAT	E7RTAT	120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

428P
White Splay Trim

Dimensions**
OD: 7-3/4" [197mm]

303 Wall Wash with Scoop

- Designed to spread light close to ceiling
- Coil spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	60W A19
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

303P
Wall Wash, White Trim

Dimensions**
OD: 8" [203mm]

424 Open Wall Wash / Reflector Downlight

- Designed to spread light on cabinets or wall close to ceiling and provide downlighting on counters

Housings		Max Lamp Compatibility
H7T	E7TAT	100W A19
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

424P
Open Wall Wash and Downlight, White Trim

Dimensions**
OD: 7-1/4" [184mm]

425 Wall Wash with Coilex® Baffle and Scoop Reflector

- Black or white phenolic Coilex baffle with scoop reflector
- Designated to spread light close to ceiling
- Coil spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	60W A19
H7TCP		
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

425W
White Baffle, White Trim

425P
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Housings: H7T • H7TCP • H7RT • E7TAT • E7RTAT

430 Wall Wash with Baffle & Full Reflector

- Black or white step baffle with full reflector
- Designed to spread light close to the ceiling to eliminate the "cave effect"
- Torsion spring retention
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7T	90W TB19, 100W A19, 100W BT15, 100W MB19
E7TAT	100W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

430W
White Baffle, White Trim

430P
Black Baffle, White Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

Low Voltage

1412 Low Voltage Adjustable Spot 30° Tilt

- Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	50W 12V MR16
H7RT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

1412W
White Lampholder & Baffle, White Trim

1412P
Black Lampholder & Baffle, White Trim

Dimensions**
A: 1-3/4" [44mm]
OD: 7-1/4" [184mm]

1416 Low Voltage Specular Reflector 30° Tilt

- Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	50W 12V MR16

Compatible with Halogen, Incandescent, LED* or CFL* lamps

1416C
Clear Specular Reflector, White Trim

Dimensions**
OD: 7-1/4" [184mm]

1417 Low Voltage Eyeball with Baffle 30° Tilt

- Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	50W 12V MR16
H7RT	H7TCP	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

1417W
White Eyeball and White Baffle, White Trim

1417BA
White Eyeball and Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

1416 Low Voltage Baffle 30° Tilt

- Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	50W 12V MR16
H7RT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

1416W
White Baffle, White Trim

1416BA
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

1450 Low Voltage Slot Aperture 30° Tilt

- Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings	Max Lamp Compatibility
H7T	50W 12V MR16
H7RT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

1450P
Clear Specular Reflector, White Trim

Dimensions**
OD: 7-1/4" [184mm]

1475 Low Voltage Adjustable Accent 30° Tilt

- Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	E7TAT	50W PAR36 low voltage
H7RT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

1475W
White Baffle, White Trim

1475P
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

1479 Low Voltage Pinhole Trim

- Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings		Max Lamp Compatibility
H7T	H7RT	50W 12V MR16
H7TCP		
E7TAT	E7RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

1479W
White Baffle, White Trim

1479P
Black Baffle, White Trim

Dimensions**
A: 1-7/8" [48mm]
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Non-IC Housing - No Socket Bracket

H7TNB

H7TNB

6" Non-IC, New Construction Housing, No Socket Bracket, 120V

The H7 recessed housing is the standard in the industry for both light commercial and residential applications. H7 series features full-frame design, robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H7TNB is for use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.
The H7TNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate and the fixed lamp position of socket supporting trims saves on lamp adjustment time too.

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible Socket Supporting Trims

30◊	171◊	405	4051	6130	6215
74	172◊	419	6120◊	6145	6222
76	173◊	420	6121◊	6146	6230
78◊	376	430◊	6125◊	6150	6255
170◊	378	478	6126◊	6170	30SBAT◊

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

◊ Air-Tite trims can make the H7TNB installation ASTM E283 compliant (in an Non-Insulated ceiling)

Features

Housing
- Single wall die-stamped CRS housing
- White housing paint finish

Plaster Frame
- Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Housing adjusts in plaster frame to accommodate ceilings up to 1-3/8" thick
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- IP rated (Improper Lamp)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-IC Housing - No Socket Bracket

E7TATNB

6 INCH

E7TATNB

6" Non-IC, Air-Tite, New Construction Housing, No Socket Bracket, 120V

The E7TATNB is a compact and efficient recessed Non-IC housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. Housing features Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor.

The E7TATNB can save installation time. It is designed without a socket plate for use with socket supporting trims only. With these trims there is no need to spend time removing the socket plate, and the fixed lamp position of the socket supporting trims saves on a lamp adjustment time too. May be retrofit with compatible Halo LED lighting systems.

Special Features

All-Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Socket Supporting Trims

30	171	405	4051	6130	6215
74	172	419	6120	6145	6222
76	173	420	6121	6146	6230
78	376	430	6125	6150	6255
170	378	478	6126	6170	30SBAT

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Exclusive Air-Tite gasket meets code where required, and seals between housing, frame and finished ceiling - without need for additional caulk
- May be removed from the plaster frame to provide access to junction box

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" – 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in socket speeds installation and attaches directly to the trim for consistent lamp positioning
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

E26 Screw Base Trims

Non-IC "NB" Housings: H7TNB • E7TATNB

Reflectors

30 Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7TNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 85W BR30, 100W R30
E7TATNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30HAT
Haze Reflector, White Trim

30RGAT
Residential Gold Reflector, White Trim

30CAT
Clear Specular Reflector, White Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

30SBAT Reflector, Self-flange

- Self-flange reflector with torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7TNB	100W A19, 150W A21, 75W PAR30S, 150W PAR38, 85W BR30, 100W R30
E7TATNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30SBAT
Specular Black Reflector & Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

405 Specular Full Cone Reflector

- Full reflector for use with A-lamps
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clip retention on housing plaster ring
- Removable trim ring
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7TNB	150W A21
E7TATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

405SC
Clear Specular Reflector, White Trim

Friction Clips install on housing plaster ring

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

4051 White Full Cone Reflector, Self-flange

- Full reflector for use with A-lamps
- Friction clip retention on housing plaster ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting reflector

Housings	Max Lamp Compatibility
H7TNB	150W A21
E7TATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4051P
White Reflector, White Self-flange

Friction Clips install on housing plaster ring

Dimensions**
H: 6" [152mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6120 Full Cone Reflector, Self-flange

- Full cone reflector
- Torsion spring retention
- Socket supporting reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances
- Makes installation Air-Tite regardless of housing used

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6120WH
White Reflector, White Self-flange

6120SN
Satin Nickel Reflector, Satin Nickel Self-flange

6120TBZ
Tuscan Bonze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

6121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6121WH
White Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Baffles

30 Baffle, Self-flange

- Self-flange metal baffle with upper reflector
- Socket supporting baffle
- Torsion spring retention
- Accepts a wide range of lamps
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7TNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 100W R30
E7TATNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

30WAT
White Baffle & Reflector, White Trim

30WATH
White Baffle & Clear Reflector, White Trim

30PAT
Black Baffle & Clear Reflector, White Trim

30SNAT
Satin Nickel Baffle & Reflector, Satin Nickel Trim

30TBZAT
Tuscan Bronze Baffle & Reflector, Tuscan Bronze Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

6125 Full Cone Baffle, Self-flange

- Full cone baffle
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	100W A19, 150W A21, 75W PAR30S, 75W PAR30L, 150W PAR38, 85W BR30, 120W BR40

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6125WB
White Baffle, White Self-flange

6125BB
Black Baffle, White Self-flange

6125BKBB
Black Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

6126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6126WB
White Baffle, White Self-flange

6126BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Adjustable – Eyeballs & Gimbals

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- Torsion spring retention
- Socket supporting eyeball

Housings	Max Lamp Compatibility
H7TNB	75W PAR30S
E7TATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

74P
White Eyeball, White Trim

Dimensions**
A: 3-7/8" [98mm]
OD: 8" [203mm]

76 Gimbal 30° Tilt, Self-flange

- For use with PAR38 lamps
- 30° tilt
- Torsion spring retention

Housings	Max Lamp Compatibility
H7TNB	150W PAR38 (Side prong lamp recommended)
E7TATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

76P
White Gimbal, White Trim

Dimensions**
OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7TNB	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E7TATNB	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

78P
White Eyeball, White Trim

78PAT
White Eyeball, White Trim

78SN
Satin Nickel Eyeball, Satin Nickel Trim

78TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 4" [100mm]
H: 4-1/8" [105mm]
OD: 8" [203mm]

376 Regressed Gimbal 30° Tilt, Self-flange

- 30° tilt
- Regressed gimbal with baffle
- Torsion spring retention
- Socket supporting gimbal

Housings	Max Lamp Compatibility
H7TNB	75W PAR30S
E7TATNB	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

376W
White Baffle, White Trim

376P
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

378 Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° tilt
- Regressed gimbal with splay trim
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- Socket supporting gimbal

Housings	Max Lamp Compatibility
H7TNB E7TATNB	75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

378P
White Splay, White Trim

378
Clear Specular Splay, White Trim

Friction Clips on Trim

Dimensions**
OD: 7-1/4" [184mm]

419 Regressed Eyeball with Splay 25° Tilt

- Regressed eyeball with splay
- 25° tilt, 358° rotation
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Removable trim ring
- Socket supporting trim

Housings	Max Lamp Compatibility
H7TNB E7TATNB	75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

419P
White Eyeball & Splay, White Trim

Dimensions**
OD: 7-1/4" [184mm]

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

Housings	Max Lamp Compatibility
H7TNB	75W PAR30S, 75W PAR30L, 60W BR30
E7TATNB	75W PAR30S, 75W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

420W
White Eyeball & Baffle, White Trim

420P
White Eyeball & Black Baffle, White Trim

Dimensions**
A: 4" [100mm]
H: 4" [102mm]
OD: 7-1/4" [184mm]

478 Adjustable Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° tilt
- Adjustable gimbal with splay trim for PAR38 lamps
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- Socket supporting gimbal

Housings	Max Lamp Compatibility
H7TNB E7TATNB	100W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

478P
White Splay, White Trim

Friction Clips on Trim

Dimensions**
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC "NB" Housings: H7TNB • E7TATNB

6130 Eyeball 35° Tilt, Self-flange

- 35° tilt, 360° rotation
- Adjustable eyeball trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130WH
White Eyeball, White Self-flange

Dimensions**
A: 3-7/8" [100mm]
H: 3-7/8" [100mm]
OD: 7-3/4" [197mm]

6170 Gimbal 25° Tilt, Self-flange

- 25° tilt, 360° rotation
- Adjustable gimbal for PAR38 lamps
- Torsion spring retention
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	90W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6170WH
White Gimbal,
White Self-flange

6170BK
Black Gimbal,
Black Self-flange

6170SN
Satin Nickel Gimbal,
Satin Nickel Self-flange

6170TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Self-flange

Dimensions**
A: 4-1/2" [113mm]
H: 1-1/5" [30 mm]
OD: 7-3/4" [197mm]

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- Double gimbal for PAR30 lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	75W PAR30S, 75W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6215WH
White Gimbal,
White Self-flange

6215BK
Black Gimbal,
Black Self-flange

6215SN
Satin Nickel Gimbal,
Satin Nickel Self-flange

6215TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Self-flange

Dimensions**
A: 3-3/8" [84mm]
H: 2" [51mm]
OD: 7-3/4" [197mm]

6222 Regressed Angle Cut Adjustable Gimbal, 45° Tilt, Self-flange

- 45° tilt, 360° rotation
- Fully regressed gimbal – self-flange ring
- Torsion spring retention
- Socket supporting gimbal
- Reflector and baffle options
- Accommodates tilt of gimbal in a full regressed cut cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	60W PAR16, 50W PAR20, 75W PAR30S, 75W PAR30L

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6222WB
White Baffle, White Trim

6222BB
Black Baffle, White Trim

6222SC
Specular Clear Regressed White Trim

6222H
Haze Reflector, White Trim

Dimensions**
A: 3-3/4" [95mm]
H: 5-3/8" [137mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

Lenses & Wet Location Showerlights

170 Albalite Lens with Reflector

- White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H7TNB E7TATNB	60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

170P
Albalite Lens, White Trim

170PS
Albalite Lens, Polymer White Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- White trim with drop opal glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H7TNB E7TATNB	60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

171P
Drop Opal Lens, White Trim

171PS
Drop Opal Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

172 Dome Glass Lens with Reflector

- Frosted glass dome
- Features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- Air-Tite trim makes any installation Air-Tite

Housings	Max Lamp Compatibility
H7TNB E7TATNB	100W A19, 75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

172PS
Frosted Glass Dome,
White Polymer Trim

172TBZS
Frosted Glass Dome,
Tuscan Bronze Polymer Trim

Dimensions**
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H7TNB E7TATNB	60W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

173P
Fresnel Lens, White Trim

173PS
Fresnel Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC "NB" Housings: H7TNB • E7TATNB

6145 Open Wet Location, Shallow Reflector, Self-flange

Showerlight

- Open wet location shallow Showerlight for PAR30S and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	75W PAR30S, 75W PAR30L, 150W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6145WH
White Shallow Reflector, White Self-flange

6145SN
Satin Nickel Shallow Reflector, Satin Nickel Self-flange

6145TBZ
Tuscan Bronze Shallow Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [136mm]
D: 7/8 [22mm]
H: 4-7/8" [123mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

6146 Open Wet Location, Full Reflector Self-flange

Showerlight

- Open wet location Showerlight for PAR30S and PAR30L outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	75W PAR30S, 75W PAR30L, 150W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6146WH
White Reflector, White Self-flange

6146SN
Satin Nickel Reflector, Satin Nickel Self-flange

6146TBZ
Tuscan Bronze Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 5-3/8" [138mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

Showerlight

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	60W A19, 60W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

6150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

6150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 4-1/5" [107mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25° for precise alignment with room

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	72W A19, 75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

6230PN
Frost Glass Lens, Polished Nickel Squircle Trim

6230SN
Frost Glass Lens, Satin Nickel Squircle Trim

Dimensions**
A: 6" [152mm]
H: 4-1/4" [109mm]
D: 3/4" [20mm]
OD: 7-1/4" [185mm]

6255 Soft Square, Frost Curved Glass Lens, Self-flange

Showerlight

- Low profile curved frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/– 25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

Housings		Max Lamp Compatibility
H7TNB	E7TATNB	72W A19, 75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

6255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

6255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-7/8" [149mm]
D: 1" [25mm]
H: 4-1/2" [114mm]
OD: 7-5/8" [194mm]

Open, Splay & Wall Wash

430 Wall Wash with Baffle & Full Reflector

air-tite

- Black or white step baffle with full reflector
- Designed to spread light close to the ceiling to eliminate the "cave effect"
- Torsion spring retention
- Makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H7TNB	100W A19, 90W TB19, 100W BT15, 100W MB19
E7TATNB	100W A19

Compatible with Halogen, Incandescent, LED* or CFL* lamps

430W
White Baffle, White Trim

430P
Black Baffle, White Trim

Dimensions**
H: 5" [127mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Non-IC Shallow Housing

H27T

H27T

6" Non-IC, Shallow New Construction Housing, 120V

The H27T recessed housing is designed for shallow ceilings and is a standard in the industry for both light commercial and residential applications. H27 series features robust construction, feed-through listing, Got Nail! bar hangers; and may support use of higher wattage lamps. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H27T is for use in non-insulated shallow ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.

c UL us LISTED

RoHS Compliant

Special Features

Got Nail!™ bar hangers
q-Channel bars with Pass-N-Thru™
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible Trims

70	171	353	6100	6108	6145
71	172◊	376	6101	6109	6150
73	173	378	6102	6110	6160
74	301	419	6103	6121◊	6215
78◊	310	420	6106	6126◊	6230
79	328	426	6107	6130	6255
170		4261			

c UL us LISTED Trims for use in Halo listed housings

CLASSIFIED UL Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

◊ Air-Tite trims can make the H27T installation ASTM E283 compliant (in a non-insulated ceiling)

Features

Housing
- Single wall die-stamped CRS housing
- White housing paint finish

Plaster Frame
- Galvanized steel construction
- The housing can be removed from plaster frame to provide access to the junction box
- Housing adjusts in plaster frame to accommodate ceilings up to 1-3/8" thick
- Plaster frame features include:
  - Patented regressed locking screw positioned for securing hanger bars from below the ceiling
  - Cutouts for easily crimping hanger bars in position
  - Halo name embossed on plaster frame

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Quick Connect™ push wire nuts (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- IP rated (Improper Lamp)

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-IC Shallow Housing

H27RT

6 INCH

H27RT

6" Non-IC, Shallow Remodel Housing, 120V

The H27RT recessed remodel housing is designed for shallow ceilings and is a standard in the industry for both light commercial and residential applications. H27 series shallow remodel housing features robust construction, full-sized remodel junction box; and may support use of higher wattage lamps. Designed for use in existing ceilings, the remodel housing slips through opening in the finished ceiling. A wide variety of trims allows a number of different lighting effects to be created with one basic housing. The H27RT is for use in non-insulated shallow ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. May be retrofit with compatible Halo LED lighting systems.

c UL us LISTED

RoHS Compliant

Special Features

Quick Connect™ push wire nuts

Compatible Trims

74	173◊	376	6100	6108	6145
78◊	301	378	6101	6109	6150
79	310	419	6102	6110	6215
170◊	328	420	6103	6121◊	6230
171◊	353	426	6106	6126◊	6255
172◊		4261	6107	6130	

c UL us LISTED Trims for use in Halo listed housings

CLASSIFIED UL Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

◊ Air-Tite trims can make the H27RT installation ASTM E283 compliant (in a non-insulated ceiling)

Features

Housing
- Single wall die-stamped CRS shallow housing
- White housing paint finish
- For installation from below the finished ceiling. Integral flange secures fixture against ceiling.

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Remodel Springs
Four remodel springs secure housing and accommodate 1/2" and 5/8" ceiling material

Includes:
- Quick Connect™ push wire nuts (Details Pg. 13)

Junction Box
- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Overspray protector included

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- IP rated (Improper Lamp)

E26 Screw Base Non-IC Shallow Housing

E27TAT

E27TAT

6" Non-IC, Air-Tite, Shallow New Construction Housing, 120V

The E27TAT is a compact and efficient shallow recessed Non-IC housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. For installation in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. Housing features Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.

Special Features

- All-Nail!™ bar hangers
- q-Channel bars with Pass-N-Thru™
- Hinged j-box with Slide-N-Side™
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

70	171	353	6100	6108	6145
71	172	376	6101	6109	6150
73	173	378	6102	6110	6160
74	301	419	6103	6121	6215
78	310	420	6106	6126	6230
79	328	426	6107	6130	6255
170		4261			

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing
- Single wall die-formed shallow housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Integral Air-Tite gasket for code-required gasket between fixture and finished ceiling
- May be removed from the plaster frame to provide access to junction box

Socket Plate
- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Plaster Frame
- Galvanized steel frame. Housing adjusts in plaster frame to accommodate up to 3/8" – 1" ceiling thickness.
- (2) Regressed locking screws for securing hanger bars

Includes:
- All-Nail!™ bar hangers (Details Pg. 15)
- q-Channel bars with Pass-N-Thru™ (Details Pg. 15)
- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket
- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector
Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims
Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base Non-IC Shallow Housing

E27RTAT

6 INCH

E27RTAT

6" Non-IC, Air-Tite, Shallow Remodel Housing, 120V

The E27RTAT is a compact and efficient shallow recessed remodel Non-IC shallow housing optimized and listed for EISA compliant tungsten-halogen, CFL and LED lamps as well as incandescent. Housing is suitable for residential or light commercial applications. Installation in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. Housing features Air-Tite code compliant construction. Use with a variety of trims and finishes to create different lighting effects or to match any decor. May be retrofit with compatible Halo LED lighting systems.

Special Features

Hinged j-box with Slide-N-Side™
Quick Connect™ push wire nuts
Air-Tite™ code compliant

Compatible Trims

74	173	376	6101	6109	6145
78	301	419	6102	6110	6150
79	310	420	6103	6121	6215
170	328	426	6106	6126	6230
171	353	4261	6107	6130	6255
172		6100	6108		

Trims for use in Halo listed housings

Select trims are classified for use in other housings, see www.eaton.com/lighting/legal

Features

Housing

- Single wall die-formed housing
- Housing features a precision rolled interlocking collar which maintains aperture geometry for greater assurance of installation results
- Integral Air-Tite gasket for code-required gasket between fixture and finished ceiling
- May be removed from the plaster frame to provide access to junction box

Remodel Retention System - Speed Clamps

- Exclusive two integral speed clamps securely lock housing to ceiling, accommodating 3/8" to 2" ceiling materials

Socket Plate

- Rigid socket plate adjusts and locks without tools for various lamp sizes
- Socket plate and bracket may be removed when using socket supporting trims

Includes:

- Hinged junction box with Slide-N-Side™ (Details Pg. 15)
- Quick Connect™ push wire nuts (Details Pg. 15)
- Air-Tite™ code compliant (Details Pg. 15)

Socket

- Porcelain socket with nickel plated brass screw shell
- Snap-in springs secure socket to socket plate, and may be detached when using socket supporting trims
- Shipped with socket overspray protector installed

Thermal Protector

Self resetting thermal protector deactivates fixture if overheating occurs due to improper lamping or misapplied insulation

Trims

Halo Fit-All concept offers multiple trim options in a variety of design styles, and functional beam distributions to control beam angle and lumen delivery in accommodating various lamp types including Halogen, CFL and LED

Quick Connect™ Wiring Tray

- (3) Color coded 4-port push-in wire nuts included
- Captive tray holds push-nuts in place for one-handed connections to line, neutral & ground
- Speeds installation and increases reliability
- No additional wire nuts required

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

E26 Screw Base Trims

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

Reflectors

426 Reflector Cone

- Accepts a wide variety of lamps
- Coil spring retention
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housings	Max Lamp Compatibility
H27T	75W PAR30S, 75W PAR30L, 85W BR30, 100W R30
H27RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E27TAT E27RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

426
Clear Specular Reflector Cone, White Trim

426MB
Black Specular Reflector Cone, White Trim

426H
Haze Reflector Cone, White Trim

426SN
Satin Nickel Reflector Cone, Satin Nickel Trim

426TBZ
Tuscan Bronze Reflector Cone, Tuscan Bronze Trim

Dimensions**
H: 2-5/8" [67mm]
OD: 7-1/4" [184mm]

4261 White Reflector Cone, Self-flange

- Accepts R and PAR lamps
- Coil spring retention

Housings	Max Lamp Compatibility
H27T	75W PAR30S, 75W PAR30L, 100W R30, 85W BR30
H27RT	75W PAR30S, 75W PAR30L, 75W R30, 65W BR30
E27TAT E27RTAT	75W PAR30, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

4261P
White Reflector, White Self-flange

Dimensions**
H: 2-5/8" [67mm]
OD: 7-1/4" [184mm]

6106 Straight Reflector Cone, Self-flange

- Straight sides of cone reflector for large diameter BR40 and PAR38, as well as BR30 and PAR30 lamps
- Self-flange reflector cone
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6106SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6107 Tapered Reflector, Self-flange

- Self-flange reflector cone
- Contoured tapered sides of cone reflector for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6107SC
Specular Clear Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6121 Shallow Full Cone Reflector, Self-flange

- Shallow full cone reflector for A19, PAR30S and BR30 lamps
- Torsion spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6121WH
White Reflector, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Baffles

310 Coilex® Baffle

- Black or white phenolic Coilex baffle with white metal trim ring
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Coil spring retention

Housings	Max Lamp Compatibility
H27T	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
H27RT	
E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

310W
White Coilex Baffle, White Trim

310P
Black Coilex Baffle, White Trim

310SN
Satin Nickel Coilex Baffle, Satin Nickel Trim

310TBZ
Tuscan Bronze Coilex Baffle, Tuscan Bronze Trim

Dimensions**
H: 3-1/16" [78mm]
OD: 7-1/4" [184mm]

353 Metal Baffle

- Metallic finish trim rings and baffles
- Coil spring retention
- Removable trim ring

Housings	Max Lamp Compatibility
H27T	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
H27RT	
E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

353SN
Satin Nickel Baffle, Satin Nickel Trim

353TBZ
Tuscan Bronze Baffle, Tuscan Bronze Trim

Dimensions**
H: 3" [76mm]
OD: 7-1/4" [184mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

6100 Tapered Metal Baffle with (2) Trim Rings

- Contoured tapered sides of metal baffle for BR30 and PAR30 lamps
- Two plastic removable trim rings included narrow 7.25"OD and wide oversized 8.00"OD
- Coil spring retention

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6100WB
White Baffle, Narrow & Wide White Trims (Included)

6100BB
Black Baffle, Narrow & Wide White Trims (Included)

Dimensions**
A: 5-3/4" [148mm]
H: 2-7/8" [74mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

6101 Straight Metal Baffle with (2) Trim Rings

- Straight sides of metal baffle for large diameter lamps
- Two plastic removable trim rings included narrow 7.25"OD and wide 8.00"OD
- Coil spring retention

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6101WB
White Baffle, Narrow & Wide White Trim (Included)

6101BB
Black Baffle, Narrow & Wide White Trim (Included)

Dimensions**
A: 5-5/8" [144mm]
H: 2-5/8" [66mm]
OD: 7-1/4" [184mm] Narrow
OD: 8" [203mm] Wide

6102 Tapered Metal Baffle, Self-flange

- Contoured tapered sides of metal baffle
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6102WB
White Baffle, White Self-flange

6102BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

6103 Straight Metal Baffle, Self-flange

- Straight sides of metal baffle for large diameter lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6103WB
White Baffle, White Self-flange

6103BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

6108 Coilex® Straight Plastic Baffle, Self-flange

- Straight sides of Coilex baffle for large diameter BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6108WB
White Plastic Straight Coilex Baffle, White Self-flange

6108BB
Black Plastic Straight Coilex Baffle, White Self-flange

6108BKBB
Black Plastic Straight Coilex Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [68mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6109 Coilex® Tapered Baffle, Self-flange

- Contoured tapered sides of Coilex baffle for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6109WB
White Plastic Tapered Coilex Baffle, White Self-flange

6109BB
Black Plastic Tapered Coilex Baffle, White Self-flange

6109BKBB
Black Plastic Tapered Coilex Baffle, Black Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 2-5/8" [65mm]
OD: 7-3/4" [197mm]

6110 Perftex™ Baffle, Self-flange

- Perforated pattern baffle contoured for BR30 and PAR30 lamps
- Coil spring retention
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6110WB
White Perftex Baffle, White Self-flange

6110BB
Black Perftex Baffle, White Self-flange

6110BKBB
Black Perftex Baffle, Black Self-flange

Dimensions**
A: 6-5/8" [169mm]
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

6126 Shallow Full Cone Baffle, Self-flange

- Shallow full cone baffle for A19 and PAR30S lamps
- Torsion spring retention
- Socket supporting baffle
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	40W A19, 75W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6126WB
White Baffle, White Self-flange

6126BB
Black Baffle, White Self-flange

Dimensions**
A: 5-3/8" [137mm]
H: 4-3/8" [110mm]
OD: 7-3/4" [197mm]

Adjustable – Eyeballs & Gimbals

74 Eyeball 30° Tilt, Self-flange

- Provides optimum position for PAR30S lamps
- Torsion spring retention
- Socket supporting eyeball

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

74P
White Eyeball & Trim

Dimensions**
A: 3-7/8" [98mm]
OD: 8" [203mm]

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H27T H27RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E27TAT E27RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

78P
White Eyeball, White Trim

78PAT
White Eyeball, White Trim

78SN
Satin Nickel Eyeball, Satin Nickel Trim

78TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 4" [100mm]
H: 4-1/8" [105mm]
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

376 Regressed Gimbal 30° Tilt, Self-flange

- 30° tilt
- Regressed gimbal with baffle
- Torsion spring retention
- Socket supporting gimbal

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

376W
White Baffle, White Trim

376P
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

378 Regressed Gimbal with Splay 25° Tilt, Self-flange

- 25° tilt
- Regressed gimbal with splay trim
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Friction clips on trim
- Socket supporting gimbal

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S
H27RT		

Compatible with Halogen, Incandescent, LED* or CFL* lamps

378P
White Splay, White Trim

378
Clear Specular Splay, White Trim

Dimensions**
OD: 7-1/4" [184mm]

Friction Clips on Trim

419 Regressed Eyeball with Splay 25° Tilt

- Regressed eyeball with splay
- 25° tilt, 358° rotation
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Removable trim ring
- Socket supporting trim

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

419P
White Eyeball & Splay, White Trim

Dimensions**
OD: 7-1/4" [184mm]

420 Regressed Eyeball 30° Tilt, Self-flange

- Regressed eyeball with baffle splay
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring
- Socket supporting eyeball

Housings	Max Lamp Compatibility
H27T	75W PAR30S, 75W PAR30L, 75W BR30
H27RT	
E27TAT	75W PAR30S, 75W PAR30L, 65W BR30
E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

420W
White Eyeball & Baffle, White Trim

420P
White Eyeball & Black Baffle, White Trim

Dimensions**
A: 4" [100mm]
H: 4" [102mm]
OD: 7-1/4" [184mm]

6130 Eyeball 35° Tilt, Self-flange

- 35° tilt, 360° rotation
- Adjustable eyeball trim for BR30 and PAR30 lamps
- Torsion spring retention
- Socket supporting eyeball
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	50W PAR30S, 75W PAR30L, 65W BR30
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6130WH
White Eyeball, White Self-flange

Dimensions**
A: 3-7/8" [100mm]
H: 3-7/8" [100mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6215 Double Gimbal 30°-50° Tilt, Self-flange

- 30°-50° tilt, 360° rotation
- 50° tilt with double gimbal design using compound angles
- Double gimbal for PAR30S lamps
- Torsion spring retention
- Shallow housings are compatible with PAR30S (short-neck) lamps
- Socket supporting gimbal
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	60W PAR30S
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6215WH
White Gimbal,
White Self-flange

6215BK
Black Gimbal,
Black Self-flange

6215SN
Satin Nickel Gimbal,
Satin Nickel Self-flange

6215TBZ
Tuscan Bronze Gimbal,
Tuscan Bronze Self-flange

Dimensions**
A: 3-3/8" [84mm]
H: 2" [51mm]
OD: 7-3/4" [197mm]

Lenses & Wet Location Showerlights

70 Albalite Glass Lens

- White trim, glass Albalite lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- PS version features non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housings	Max Lamp Compatibility
H27T	60W A19
E27TAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

70P
Albalite Glass Lens,
White Trim

70PS
Albalite Glass Lens,
White Trim, Wet Location

Showerlight

Dimensions**
OD: 8" [203mm]

71 Drop Opal Glass Lens

- White trim, drop opal glass lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housings	Max Lamp Compatibility
H27T	60W A19
E27TAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

71P
Drop Opal Glass Lens,
White Trim

71PS
Drop Opal Glass Lens,
White Polymer Trim, Wet Location

Showerlight

Dimensions**
OD: 8" [203mm]

73 Fresnel Glass Lens

- White trim with glass Fresnel lens
- PS version features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive polymer (plastic) trim ring
- Torsion spring retention

Housings	Max Lamp Compatibility
H27T	60W A19
E27TAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

73P
Fresnel Glass Lens,
White Trim

73PS
Fresnel Glass Lens, White Trim,
Wet Location

Showerlight

Dimensions**
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

170 Albalite Lens with Reflector

- White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H27T	E27TAT	60W A19
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

170P
Albalite Lens, White Trim

170PS
Albalite Lens, Polymer White Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

171 Drop Opal Glass Lens with Reflector

- White trim with drop opal glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H27T	E27TAT	60W A19
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

171P
Drop Opal Lens, White Trim

171PS
Drop Opal Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

172 Dome Glass Lens with Reflector

- Frosted glass dome
- Features "dead-front" construction and is wet location listed for use in showers
- Non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- Torsion spring retention
- Air-Tite trim makes any installation Air-Tite

Housings		Max Lamp Compatibility
H27T	E27TAT	100W A19, 75W PAR30S
H27RT	E27RTAT	72W A19, 75W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

172PS
Frosted Glass Dome,
White Polymer Trim

172TBZS
Frosted Glass Dome,
Tuscan Bronze Polymer Trim

Dimensions**
H: 2-1/8" [54mm]
OD: 7-3/4" [197mm]

173 Fresnel Lens with Reflector

- White trim with glass Fresnel lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings		Max Lamp Compatibility
H27T	E27TAT	60W A19
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

173P
Fresnel Lens, White Trim

173PS
Fresnel Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

6145 Open Wet Location, Shallow Reflector, Self-flange

Showerlight

- Open wet location shallow Showerlight for PAR30S and PAR38 outdoor rated lamps ONLY
- Torsion spring retention
- Socket supporting cone
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	75W PAR30S, 75W PAR30L, 150W PAR38
H27RT	E27RTAT	75W PAR30S, 75W PAR30L, 90W PAR38

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6145WH
White Shallow Reflector, White Self-flange

6145SN
Satin Nickel Shallow Reflector, Satin Nickel Self-flange

6145TBZ
Tuscan Bronze Shallow Reflector, Tuscan Bronze Self-flange

Dimensions**
A: 5-3/8" [136mm]
D: 7/8 [22mm]
H: 4-7/8" [123mm]
OD: 7-3/4" [197mm]

Outdoor Rated Lamp ONLY (Purchase Separately)

Lamp Gasket
(Included)

6150 Low Profile, Frosted Glass Dome Lens, Self-flange

Showerlight

- Low profile, frosted glass dome lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Socket supporting internal reflector
- Self-flange trim ring sized to hide gaps caused by construction tolerances

Housings		Max Lamp Compatibility
H27T	E27TAT	60W A19, 60W PAR30S
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6150WH
Frosted Glass Dome Lens with Reflector, White Plastic Self-flange

6150SN
Frosted Glass Dome Lens with Reflector, Satin Nickel Plastic Self-flange

6150TBZ
Frosted Glass Dome Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 4-1/5" [107mm]
OD: 7-3/4" [197mm]

6160 Drop White Plastic Lens, Self-flange

Showerlight

- Wet location Showerlight
- Non-conductive "dead-front" polymer (plastic) trim and lens
- Torsion spring retention

Housings		Max Lamp Compatibility
H27T	E27TAT	60W A19, 39W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6160WH
Drop White Plastic Lens, White Plastic Self-flange

Dimensions**
A: 5-1/8" [130mm]
H: 2-1/4" [57mm]
OD: 7-3/4" [197mm]

6230 Squircle Frost Glass Lens, Metal Trim, Self-flange

Showerlight

- Low profile frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Self-flange low profile metal trim ring
- Socket supporting internal bracket
- Integral rotation adjustment up to +/– 25° for precise alignment with room

Housings		Max Lamp Compatibility
H27T	E27TAT	60W A19, 60W PAR30S
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6230AH
Frost Glass Lens, Aluminum Haze Squircle Trim

6230PN
Frost Glass Lens, Polished Nickel Squircle Trim

6230SN
Frost Glass Lens, Satin Nickel Squircle Trim

Dimensions**
A: 6" [152mm]
H: 4-1/4" [109mm]
D: 3/4" [20mm]
OD: 7-1/4" [185mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.

****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base Trims

Non-IC Shallow Housings: H27T • H27RT • E27TAT • E27RTAT

6255 Soft Square, Frost Curved Glass Lens, Self-flange

Showerlight

- Low profile curved frost glass lens
- Wet location Showerlight
- Torsion spring retention
- Non-conductive "dead-front" polymer (plastic) trim ring and glass lens
- Integral rotation adjustment up to +/– 25° for precise alignment with room
- Integrated socket supporting reflector for even illumination across lens corner-to-corner

Housings		Max Lamp Compatibility
H27T	E27TAT	60W A19, 60W PAR30S
H27RT	E27RTAT	

Compatible with Halogen, Incandescent, LED* or CFL* lamps

6255WH
Frost Curved Glass Lens with Reflector, White Plastic Self-flange

6255SN
Frost Curved Glass Lens with Reflector, Satin Nickel Plastic Self-flange

6255TBZ
Frost Curved Glass Lens with Reflector, Tuscan Bronze Plastic Self-flange

Dimensions**
A: 5-7/8" [149mm]
D: 1" [25mm]
H: 4-1/2" [114mm]
OD: 7-5/8" [194mm]

Open, Splay & Wall Wash

79 Pinhole Trim

- 1-7/8" open pinhole for R20 lamp
- Torsion spring retention

Housings	Max Lamp Compatibility
H27T	75W PAR30S
H27RT	50W PAR30S
E27TAT	75W PAR30S
E27RTAT	50W PAR30S

Compatible with Halogen, Incandescent, LED* or CFL* lamps

79
Pinhole Trim

Dimensions**
OD: 8" [203mm]

301 Open Trim

- Open trim for BR30, R30, and PAR30 lamps
- Coil spring retention

Housings	Max Lamp Compatibility
H27T H27RT	75W PAR30S, 75W PAR30L, 65W BR30, 75W R30
E27TAT E27RTAT	75W PAR30S, 75W PAR30L, 65W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

301P
White Open Trim

301SN
Satin Nickel Open Trim

301TBZ
Tuscan Bronze Open Trim

Dimensions**
OD: 7-1/4" [184mm]

328 White Splay Trim

- Splay trim for BR30 and PAR30 lamps
- Coil spring retention

Housings	Max Lamp Compatibility
H27T H27RT	75W PAR30S, 75W PAR30L, 85W BR30, 100W R30
E27TAT E27RTAT	75W PAR30S, 75W PAR30L, 85W BR30

Compatible with Halogen, Incandescent, LED* or CFL* lamps

328P
White Splay Trim

Dimensions**
A: 3-7/8" [98mm]
OD: 7-3/4" [197mm]

*UL1993 listed LED & CFL equivalent lamps permitted. Consult lamp manufacturer for conditions of use. Eaton does not warranty the lamp.
****Key: A:** Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base
Slope Ceiling Solutions

E26 Screw Base H47 Series IC Slope Housing

H47ICT

H47ICT

6" IC, New Construction Slope Housing, 120V

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with ceiling pitch (2/12 to 6/12). H47ICT is designed for use in insulated ceilings where they housing will be in direct contact with insulation*.

c UL us LISTED

RoHS Compliant

Special Features

Got Nail!™ bar hangers
Pass-N-Thru™ bars
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible Trims

78◊
170◊
496
498
1417

◊ Air-Tite trims can make the H47ICT installation ASTM E283 compliant

Features

Housing
Aluminum double wall housing construction

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning)
- Exclusive socket aiming mechanism swivels and rotates to properly align lamp. Slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Shipping insert protects socket from overspray.

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

For proper slope aiming install with junction box in downward position

Improper install

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base H47 Series IC Slope Housing

H47ICAT

6 INCH

H47ICAT

6" IC, Air-Tite, New Construction Slope Housing, 120V

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with ceiling pitch (2/12 to 6/12). H47ICAT is designed for use in insulated ceilings where the housing will be in direct contact with insulation*. H47ICAT is Air-Tite gasketed to limit airflow between conditioned spaces and unconditioned areas.

Special Features

- Got Nail!™ bar hangers
- Pass-N-Thru™ bars
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

78	496
170	498
	1417

Features

Housing
Aluminum double wall housing construction

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed Air-Tite™ ready ceiling contact gasket

Includes:

- Got Nail!™ bar hangers (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket

- Porcelain socket with nickel plated brass screw shell, snaps into socket plate (or into socket supporting trim for consistent lamp positioning)
- Exclusive socket aiming mechanism swivels and rotates to properly align lamp. Slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Shipping insert protects socket from overspray.

Compliance

- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

For proper slope aiming install with junction box in downward position

Improper install

E26 Screw Base H47 Series Non-IC Slope Housing

H47T

H47T

6" Non-IC, New Construction Slope Housing, 120V

Designed for sloped ceiling installations for ceilings from 2/12 to 6/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with of ceiling pitch (2/12 to 6/12). For use in non-insulated ceilings. If ceiling insulation is present, it must be kept 3" from all sides of housing. Unique telescoping housing feature allows adjustment for lamp regression and joist height of 2" x 8" or higher.

Special Features

Got Nail!™ bar hangers
Pass-N-Thru™ bars
Slide-N-Side™ junction box
Quick Connect™ push wire nuts

Compatible Trims

78◊	496	1417
170◊	498	

◊ Air-Tite trims can make the H47T installation ASTM E283 compliant (in a non-insulated ceiling)

Features

Housing
- Telescoping housing for ceiling construction 2"x 8" or higher
- With deeper ceilings the housing provides deeper lamp regression with sharper cutoff

Junction Box
- Seven 1/2" trade size conduit knockouts with true pry-out slots are positioned to accommodate straight conduit runs
- Four non-metallic (NM) cable pry-outs included

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)

Socket
- Porcelain socket with nickel plated brass screw shell
- Exclusive socket aiming mechanism swivels and rotates to properly align lamp
- Slope indicator provides quick and consistent lamp settings (factory set for 3/12 slope). Shipping insert protects socket from overspray.

Integral Thermal Protector
Thermal protector guards against misuse of insulation materials

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- RoHS compliant
- IP rated (Improper Lamp)

For proper slope aiming install with junction box in downward position

Improper install

Specifications, compliances and dimensions subject to change without notice

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housings	Max Lamp Compatibility
H47ICT	65W BR30, 75W R30
H47ICAT	
H47T	

78P
White Eyeball, White Trim

78PAT
White Eyeball, White Trim

78SN
Satin Nickel Eyeball, Satin Nickel Trim

78TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 4" [100mm]
H: 4-1/8" [105mm]
OD: 8" [203mm]

1417 Low Voltage Eyeball with Baffle 30° Tilt

- Low voltage trim
- Includes 120V transformer for retrofit to H7T and H7RT housings
- Torsion spring retention

Housings	Max Lamp Compatibility
H47ICT	20W 12V MR16
H47ICAT	
H47T	50W 12V MR16

1417W
White Baffle, White Trim

1417P
Black Baffle, White Trim

Dimensions**
OD: 7-1/4" [184mm]

170 Albalite Glass Lens with Reflector

- White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housings	Max Lamp Compatibility
H47ICT	60W A19
H47ICAT	
H47T	

170P
Albalite Lens, White Trim

170PS
Albalite Lens, Polymer White Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

Key: A: Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

E26 Screw Base H645IC Slope Housing

H645IC

H645IC

6" IC, Air-Tite, New Construction Slope Housing, 120V

Designed for sloped ceiling installations for ceilings from 2/12 to 12/12 pitch. The socket aiming mechanism allows the lamp to be aimed straight down in accordance with of ceiling pitch (2/12 to 12/12). H645IC is designed for use in insulated ceilings where the housing will be in direct contact with insulation*. H645IC is Air-Tite gasketed to limit airflow between conditioned spaces and unconditioned areas.

Special Features

- Got Nail!™ bar hangers
- Pass-N-Thru™ bars
- Slide-N-Side™ junction box
- Quick Connect™ push wire nuts
- Air-Tite™ code compliant

Compatible Trims

78	455
170	456

Features

Housing
Aluminum double wall housing construction

Plaster Frame
Housing adjusts in plaster frame to accommodate up to 1" ceiling thickness. Galvanized steel construction. Plaster frame features include:

- Regressed locking screw for securing hanger bars
- Cutouts for easily crimping hanger bars in position
- Halo name embossed on plaster frame. The housing may be removed from plaster frame to provide access to the junction box.
- Pre-installed Air-Tite™ ready ceiling contact gasket

Includes:
- Got Nail!™ bar hangers (Details Pg. 13)
- Slide-N-Side™ junction box wire traps (Details Pg. 13)
- Pass-N-Thru™ bars (Details Pg. 13)
- Air-Tite™ code compliant (Details Pg. 13)

Socket
Exclusive socket aiming mechanism swivels and rotates to properly align lamp. Lamp socket and trim can be adjusted 20° laterally for compound slope ceiling or to compensate for off axis aiming. Shipping insert protects socket from overspray.

Integral Thermal Protector
Integral thermal protector guards against improper lamping

Compliance
- cULus Listed 1598 luminaire
- cULus Listed damp location
- cULus Listed for wet location, covered ceiling, with select trims
- cULus Listed for feed through
- cULus Listed for direct contact with insulation and combustible material*
- Air-Tite code compliant. Certified under ASTM E283; not exceeding 2.0 cfm (0.944 L/s) air leakage rate tested at a 1.57 psf (75 Pa) pressure differential.
- Rated for 20W maximum
- Refer to specification sheets online for additional compliance information
- RoHS compliant

*Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

For proper slope aiming install with junction box in upward position

Improper Install

Specifications, compliances and dimensions subject to change without notice

E26 Screw Base H645IC Slope Trims

IC Slope Housings: H645IC

455 Specular Reflector

- Clear, gold or haze reflector
- Removable trim ring
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housing	Max Lamp Compatibility
H645IC	65W BR30, 75W R30, 75W PAR30L

455SC
Specular Clear Reflector, White Trim

455H
Haze Reflector, White Trim

455CG
Champagne Gold Reflector, White Trim

Dimensions**
OD: 7-1/4" [184mm]

456 Seamless Coilex® Baffle Trims

- One piece seamless baffle
- Accessories available: TRM6 designer trim rings, OT403 oversize trim ring

Housing	Max Lamp Compatibility
H645IC	**456W:** 50W PAR30L, 65W BR30 (75W PAR30L with H1999 Socket Extender)
	456P: 60W BR30, 50W PAR30L

456W
White Coilex Baffle, White Metal Trim

456P
Black Coilex Baffle, White Metal Trim

Dimensions**
OD: 7-1/4" [184mm]

Accessory - H1999

Socket Extender

78 Eyeball 30° Tilt, Self-flange

- 30° tilt, 360° rotation
- Torsion spring retention
- Wide choice of finishes for any decor
- Socket supporting eyeball
- 78PAT makes installation Air-Tite regardless of housing used

Housing	Max Lamp Compatibility
H645IC	65W BR30, 75W R30, 75W PAR30L

78P
White Eyeball, White Trim

78PAT
White Eyeball, White Trim

78SN
Satin Nickel Eyeball, Satin Nickel Trim

78TBZ
Tuscan Bronze Eyeball, Tuscan Bronze Trim

Dimensions**
A: 4" [100mm]
H: 4-1/8" [105mm]
OD: 8" [203mm]

170 Albalite Glass Lens with Reflector

- White trim with Albalite glass lens
- PS version features non-conductive, non-corrosive gasketed polymer (plastic) trim ring
- PS version is "dead-front" construction and is wet location listed for use in showers
- Torsion spring retention
- PS version is Air-Tite; making any installation Air-Tite

Housing	Max Lamp Compatibility
H645IC	60W A19

170P
Albalite Lens, White Trim

170PS
Albalite Lens, White Polymer Trim

Dimensions**
H: 4" [102mm]
OD: 8" [203mm]

Key: A: Luminous Aperture, **H:** Height, **OD:** Trim Outside Diameter

Specialty Products

H37T - 401AL Heat Light, Non-IC

250W infra-red. For non-insulated ceilings. If insulation is present it must be kept 3" from the fixture on all sides.

Finish:	White (P)
Housing:	8" OD x 5-1/2" Height
Trim:	Brushed aluminum
Rating:	Improper Lamp (IP) Rated

H2932ICTW Lensed Wall / Step Light

cULus Listed for wall mounting in insulation. IC rated for direct contact with insulation* and combustible material, cULus listed for damp location; and feed through. White trim with albalite glass lens.

Housing:	11-1/2" L (enclosure and J-box) x 5-1/2" W x 3-1/2" D
Trim:	5-3/4" H x 9-3/8" L
Finish	White (P)
Lamp	25W, A19 max.

***Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H2922ICT Step Light

Step light with white louver trim. Fixture is pre-wired to junction box. cULus listed junction box rated for feed through. 25W A19 lamp.

Finish:	White (P)
Housing:	11-5/8" L x 3-1/2" D x 5-1/2" H
Trim:	9-3/8" L x 5-3/4" H
Rating:	IC rated for direct contact with insulation* and combustible materials. Improper Lamp (IP) Rated

***Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H2922-120PL Step Light

Step light with white louver trim. Fixture is pre-wired to junction box. cULus listed junction box rated for feed through. Integral 120V, 60Hz magnetic ballast. 5W / 7W / 9W Twin Tube 2-pin CFL.

Finish:	White (P)
Housing:	11-5/8" L x 3-1/2" D x 5-1/2" H
Trim:	9-3/8" L x 5-3/4" H
Rating:	IC rated for direct contact with insulation* and combustible materials

***Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H2920ICT Step Light

Step light with white louver trim. Wiring connections are made in fixture. 25W A19 lamp.

Finish:	White (P)
Housing:	8" L x 3-1/2" D x 4-1/2" H
Trim:	9-3/8" L x 5-3/4" H
Rating:	IC rated for direct contact with insulation* and combustible materials. Improper Lamp (IP) Rated

***Not to be used in direct contact with spray foam insulation (Consult NEMA LSD57-2013)

H2900T Thru-Wall Light, Non-IC

Provides lighting on each side of wall. 100W A19 max. Albalite lens. For non-insulated walls. If insulation is present, it must be kept 3" from the fixture on all sides.

Finish:	White (P)
Housing:	13-1/2" L x 4" D x 8-1/4" H
Trim:	11-3/8" L x 7-3/4" H
Rating:	Non-IC, Improper Lamp (IP) Rated

H2932T Closet Light/Shallow Rectangle, Non-IC

60W A19 lamp. White trim with Albalite diffuser. Junction box rated for feed through branch applications. For non-insulated ceilings. If insulation is present, it must be kept 3" from the fixture on all sides.

Finish:	White (P)
Housing:	11-5/8" L x 3-1/2" D x 5-1/2" H
Trim:	9-3/8" L x 5-3/4" H
Rating:	cULus Listed

477 Power-Trac Adapter Trim

Allows (120V) trac lampholders (150W max) to be used with recessed installations. Use with H7T, H7ICT, H27T, H7RT, H7RICT and H27RT housings.

Finish:	White with Black Baffle (477P), White with White Baffle (477W)
OD:	7-1/4"

Specifications, compliances and dimensions subject to change without notice

Specialty Products & Accessories

GA-ATHx-6PK

Optional accessory gasket covers the ceiling cut-out opening on a finished ceiling, for use with H5 & H7 Air-Tite IC housings.

GA-ATH5-6PK	H5ICAT Air-Tite™ gaskets (6-Pack)
GA-ATH7-6PK	H7ICAT Air-Tite™ gaskets (6-Pack)

Designer Finish Trim Rings

TRM6C	Chrome
TRM6SN	Satin Nickel
TRM6TBZ	Tuscan Bronze
TRM6MB	Black Metal
TRM7MB	Black plastic

Metal 7 1/4" OD. Compatible with 310*, 376, 378, 400, 404, 405, 410, 416, 419, 420, 424, 425, 426*, 429*, 455CG, 455SC, 456P, 456W, 477, 478, 1412, 1416, 1475.

*Originally supplied with TRM6P white metal trim rings. All others are supplied with white plastic trim rings.

Oversized Trim Rings

For use when ceiling opening is cut too large.
Compatible with 6" trims: 310, 376, 378, 400, 404, 405, 410, 416, 419, 420, 424, 425, 426, 429, 477, 478, 1412, 1416, 1475.

OT400P	
Size	6" ID x 9-1/4" OD
Details	Oversized white metal trim ring for designated 6" trims.

OT403P	
Size	6" ID x 8" OD
Details	Oversized gloss white plastic trim ring for designated 6" trims.

Oversized Trim Ring

For use when ceiling opening is cut too large.
Compatible with 4" trims: 990, 992, 993, 994, 996, 998, 999, 1419, 1420, 1421, 1493 and 1498.

OT999P	
Size	4" ID x 5-3/4" OD
Details	Oversized white metal trim ring.

Oversized Trim Ring

OT460P	
Size	7-1/2" ID x 11-1/4" OD
Details	Oversized white metal trim ring

800PGR	
Size	7-1/2" ID x 8-5/8" OD
Details	Oversized trim ring

Dichroic Color Filters

For low voltage MR16 units

L114	UV Filter
L120	Red
L121	Amber
L122	Yellow
L123	Green
L124	Daylight
L125	Blue
L127	Cosmetic Color Filters
L130	Yellow

Transformer

H277	
Details	Steps 277V line voltage down to 120V fixture operating voltage. 300VA max. For use with Non-IC H7 housings.

H347	
Details	Same as above but steps 347V down to 120V, 75 VA max. For use with Non-IC H7 housings.

H347200	
Details	Same as above but steps 347V down to 120V, 200 VA max. For use with Non-IC H7 housings.

6" Retrofit Adapter Band (ML7RAB)

Provides torsion spring mounting capability for 6" housings that do not have torsion spring brackets. 4 pack includes: 4 - retrofit adapter bands, 16 - metal piercing screws, 8 - retrofit lever-action wire nuts

Optical Lenses

For low voltage MR16 units

L110	Diffuse sand blasted lens
L111	Soft focus textured lens
L113	Prismatic lens
L115	Linear spread lens

Oversized Trim Ring

OT500P	
Size	6" ID x 7-1/4" OD
Details	Oversized white polymer trim ring for use with 5", 5000 series straight sided trims ONLY. (Not for use with 5100, 5200 or 5300 series trims)

Accessories

H930 R/PAR Lamp Aiming Accessory

For H7T, H7RT, H7ICT, H7ICAT, H7RICT, H7RICAT housings with 310 and 426 trims. Allows lamp to be aimed up to 30° from vertical and rotated 358°. See housing-trim selection for lamp listings.

Socket Extender

H1999	
Details	For use with selected trims and housings. Extends lamp 1" (25mm).

Coil Springs (RS7H)

Set of 4 coil springs for use with coil spring compatible trims

SD2925 Screwdriver

Screwdriver for tamper resistant screws supplied with H2925 and H2926 brick lights

Oversized LED Retrofit Housing Adapter

OH470WH	
Size	6" ID x 9-1/4" OD
Details	Oversize housing adapter. For use with open frame retrofit enclosures ML7E26RFK and ML7BXRFK.

6" Open Frame LED Retrofit

ML7BXRFK	
Details	6" Non-IC LED retrofit enclosure with hard-wired BX connection for retrofit of 6" open frame fixtures

ML7E26RFK	
Details	6" Non-IC LED retrofit enclosure with E26 screw base for 6" open frame fixtures

Mounting Clips

TB7	
Details	T-Bar attachment clips. Can also be used with HB424 and HB224 hanger bars. Can be used with H7TCP and H750TCP housings hanger bars. Set of four. Order one set per fixture.

Bar Hangers

Hanger bars are compatible with the brick and step lighting

HB224	
Details	One piece hanger bar for 24" maximum joist spacing. Set of two.

HB424	
Details	Two piece hanger bar for 24" max. joist spacing. Set of four pieces. Order one HB424 per fixture.

GA-ATTRIM-6PK

Accessory / spare trim gasket for use with 6" family trims

Incandescent Lamps

R16 T6-1/2 GU10

Z7	20W T 6-1/2" IF
Z9	40W R16 FL
Z10	100W BR25
Z28	120V GU10 base, line voltage MR16

Low Voltage Lamps

MR16 MR16TL*

Z21	12V Q50W MR16 NSP
Z26	12V Q50W MR16 NFL
Z31	12V Q50W MR16 FL
Z40	12V Q75W MR16 NSP
Z45	12V Q75W MR16 FL
Z121	50W MR16/Q/10°/TL* (GE Turn-and-Lock base)
Z131	50W MR16/Q/20°/TL* (GE Turn-and-Lock base)
Z124	50W MR16/Q/40°/TL* (GE Turn-and-Lock base)

* Replacement service part ONLY

Specifications, compliances and dimensions subject to change without notice

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