

# ENVIRONMENTALLY FRIENDLY, ENERGY EFFICIENT

- Lumen packages suitable for ceiling heights ranging from 8' to in excess of 100'
- Efficacies up to 123 lm/w
- Superior-quality white LED light output using Chip on Board technology
- Patented Hyperbolic Reflector (U.S. Patent No. 10,670,227 B2)
- **Low UGR:** UGR of zero for fixtures aimed at nadir with a cut-off equal to or less than 60deg per CIE 117-1995 Discomfort Glare in Interior Lighting.

## PRODUCT SPECIFICATIONS

**Atrius™ - Ready Product:** Select models of the L-series product line deliver valuable data and connectivity to the Atrius IoT location based platform services. For more information, please refer to [www.acuitybrands.com/Atrius](http://www.acuitybrands.com/Atrius).

### OPTICS

**Hyperbolic:** Patented hyperbolic shape (U.S. Patent No. 10,670,227 B2) optimized for small, directional LED source, maximizes fixture efficiency while creating the "Silent Ceiling" appearance by reducing lamp image and aperture brightness • Geometry of hyperbolic curve provides unique aperture appearance and smoother light distribution

**Parabolic/Lens:** Computer-optimized parabolic reflector with frosted convex lens regressed into cone provides uniform distribution with no striations

**Wall Wash:** Available in Hyperbolic and Parabolic. Both providing uniform distributions with no striations

### ELECTRICAL

**LED Light Engine:** Compact light source delivers uniform illumination without pixilation, enabling excellent beam control • 2SDCM (5000K within 3SDCM) • 80 & 90 CRI  
 • Replaceable light engine with push in wire connections mounts directly to heat sink and is easily replaceable

**Passive Cooling:** Aluminum heat sink integrated directly with housing provides superior thermal management to ensure the long life of LED

**LED Driver:** Power factor >0.9 • Easily replaceable from above or below the ceiling

**Dimming:** Dimmable via 0-10V protocol standard • Optional drivers available for use with eldoLED, Lutron EcoSystem, 2-wire dimmers, DMX, or DALI • For a list of compatible dimmers, see [LED-DIM](#).

**Life:** Rated for 60,000 hours at 70% lumen maintenance

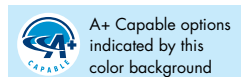
**Emergency Battery Pack (Optional) output:** Provides a minimum of 600 (BR & BRT20C), or 1000 (HBR) lumens for a minimum duration of 90 minutes • BRT20C option is CEC Title 20 compliant

### GOVERNMENT PROCUREMENT

**BAA - Buy America(n) Act:** Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

**BABA - Build America Buy America:** Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.



**J7.1.2G4**

**800 TO 9000 LUMEN 8" LED  
NEW CONSTRUCTION/REMODEL**

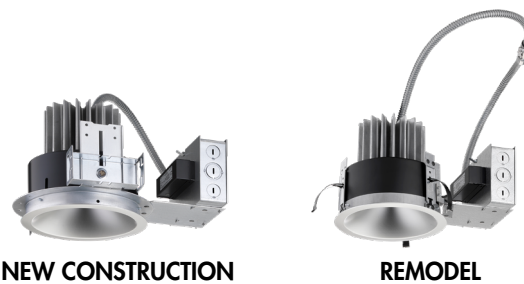
HYPERBOLIC / PARABOLIC / WALLWASH

**L8 / LRM8 SERIES**

|                |                |
|----------------|----------------|
| Type _____     | Cat. No. _____ |
| Project: _____ |                |
| Notes: _____   |                |

**Warranty:** 5 years when used in accordance with manufacturing guidelines. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed.

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



## ORDERING INFORMATION Complete Catalog# Example Includes (Rough-In, option, reflector, accessory) Ordering Example: L8 08LM 27K MVOLT G4 80CRI ZT HW CS PF HBTL

### ROUGH-IN

| Series | Light Engine                           | Color Temperature | Voltage   | Generation                   | CRI  | Driver   | Rough-In Options   |       |                                |  |
|--------|--|-------------------|-----------|------------------------------|--|--|--|-------|--------------------------------|--|
| L8     | 8" L-Series New Construction Downlight | 08LM              | 27K 2700K | 120                          | G4   | 80CRI  | F <sup>2,7</sup> Fuse and Fuse Holder  |       |                                |  |
|        |  | 13LM              | 30K 3000K | 277                          |  |  |  | 90CRI | CP <sup>8</sup> Chicago Plenum |  |
|        |  | 15LM              | 35K 3500K | 347                          |  |  |  |       |                                | BR <sup>2,10</sup> 600 Lumen Emergency Battery Pack w/Remote Test Switch |
|        |  | 17LM              | 40K 4000K | MVOLT <sup>1</sup> (120-277) |  |  |  |       |                                |  |
| LRM8   | 8" L-Series Remodel Rough-in           | 23LM              | 50K 5000K |                              | EDAB <sup>17</sup> eldoLED SOLOdrive DALI. Logarithmic dimming to <1%<br>EDXB <sup>4</sup> eldoLED POWERdrive DMX/RDM w/ Phoenix Connectors. Dimming to <1%<br>EZ10 <sup>17</sup> eldoLED 0-10V ECOdrive. Linear dimming to 10% min.<br>EZ1 <sup>17</sup> eldoLED 0-10V ECOdrive. Linear dimming to 1% min.<br>EZB <sup>17</sup> eldoLED 0-10V SOLOdrive. Logarithmic dimming to <1%<br>FD <sup>3,5</sup> Forward or Reverse Phase Dimming Driver<br>ECOD <sup>6,12,18</sup> Lutron Ecosystem 2-Wire Dimming Driver<br>ZT 0-10V Dimming to 10% min<br>GZ1 <sup>3</sup> 0-10V Dimming to 1% min | HBR <sup>2,10</sup> 1000 Lumen Emergency Battery Pack w/Remote Test Switch |  |       |                                |  |
|        |  | 28LM              |           |                              |  |  | NL <sup>7,9</sup> nLight® Dimming Pack Controls<br>NLER <sup>7,9</sup> nLight® dimming pack controls. nLER controls fixtures on emergency circuit<br>NLTAIR <sup>2,9,15</sup> nLight® AIR Dimming Pack Wireless Controls<br>NLTAIRER <sup>2,9,15</sup> nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit<br>AE2CD <sup>14,15</sup> Atrius™ - Ready, VLC Commissioning, Radio (BT Positioning) |       |                                |  |
|        |  | 33LM              |           |                              |  |  |  |       |                                |  |
|        |  | 40LM              |           |                              |  |  |  |       |                                |  |
|        |  | 45LM              |           |                              |  |  |  |       |                                |  |
|        |  | 50LM              |           |                              |  |  |  |       |                                |  |
|        |  | 55LM              |           |                              |  |  |  |       |                                |  |
|        |  | 60LM              |           |                              |  |  |  |       |                                |  |
|        |  | 65LM              |           |                              |  |  |  |       |                                |  |
|        |  | 70LM              |           |                              |  |  |  |       |                                |  |
|        |  | 75LM              |           |                              |  |  |  |       |                                |  |
|        |  | 80LM              |           |                              |  |  |  |       |                                |  |
|        | 85LM                                   |                   |           |                              |  |  |  |       |                                |  |
|        | 90LM                                   |                   |           |                              |  |  |  |       |                                |  |



**REFLECTOR** To order reflector separately, use "L8" prefix before reflector option values. Ex: L8 HW CS PF

| Trim Style   | Finish                                   | Trim Options                         | Mounting                      |
|--|--|--------------------------------------|-------------------------------|
| <b>HM</b> <sup>10</sup> Hyperbolic Medium            | <b>P</b> Parabolic                       | <b>BD</b> Black Diffuse              | <b>GD</b> Gold Diffuse        |
| <b>HW</b> <sup>10</sup> Hyperbolic Wide              | <b>WPR</b> <sup>16</sup> Parabolic Wide  | <b>BS</b> Black Specular             | <b>GS</b> Gold Specular       |
| <b>HWS</b> <sup>10</sup> Hyperbolic Single Wall Wash | <b>WC</b> <sup>10</sup> Corner Wall Wash | <b>CD</b> Clear Diffuse              | <b>PTD</b> Pewter Diffuse     |
|  | <b>WD</b> <sup>10</sup> Double Wall Wash | <b>CS</b> Clear Specular             | <b>PTS</b> Pewter Specular    |
|  | <b>WS</b> <sup>10</sup> Single Wall Wash | <b>CSS</b> Clear Semi-Specular       | <b>WH</b> White, White Flange |
|  |  |                                      | <b>WTD</b> Wheat Diffuse      |
|  |  |                                      | <b>WTS</b> Wheat Specular     |
|  |  | <b>PF</b> <sup>11</sup> White Flange | <b>Blank</b> Flanged          |
|  |  | <b>WET</b> Wet Location              |                               |

| Accessories <sup>16</sup> |  |                               |                                      |
|---------------------------|--|-------------------------------|--------------------------------------|
| <b>HB28</b> <sup>13</sup> | 28" C-Channel Bar Hangers, Pair            | <b>INSA8/05</b> <sup>13</sup> | 8" Sloped Ceiling Adapter, 5° Angle  |
| <b>HB52</b> <sup>13</sup> | 52" C-Channel Bar Hangers, Pair            | <b>INSA8/10</b> <sup>13</sup> | 8" Sloped Ceiling Adapter, 10° Angle |
| <b>HBTL</b> <sup>13</sup> | 25" Tru-Lock Grid Ceiling Bar Hanger, Pair | <b>INSA8/15</b> <sup>13</sup> | 8" Sloped Ceiling Adapter, 15° Angle |
| <b>LB27</b> <sup>13</sup> | 27" Linear Bar Hangers, Pair               | <b>INSA8/20</b> <sup>13</sup> | 8" Sloped Ceiling Adapter, 20° Angle |
|                           |  | <b>INSA8/25</b> <sup>13</sup> | 8" Sloped Ceiling Adapter, 25° Angle |
|                           |  | <b>INSA8/30</b> <sup>13</sup> | 8" Sloped Ceiling Adapter, 30° Angle |

**Ordering Notes**

- 1 MVOLT not available for 85LM and up.
- 2 Not available with 347V.
- 3 Not available for 60LM and up.
- 4 Not available for 40LM and 55LM and up.
- 5 120V only.
- 6 Not available for 50LM and up.
- 7 Specify voltage.
- 8 See CP notes in following table for compatibility with other options.
- 9 Only compatible with the following driver options: EZ1, EZB, EZ10, GZ1; ZT (for 60LM - 90LM only).
- 10 Not compatible with WET.
- 11 PF not available with WH finish. When specifying WH finish, flange is always painted white.
- 12 Not compatible with BR, BRT20C, or HBR.
- 13 Not compatible with LRM8.
- 14 See AE2CD notes in following table for compatibility with other options.
- 15 NLTAIR2, NLTAIRER2, AE2CD not recommended for metal ceiling installations
- 16 WPR available with CS, CSS, CD, WH finishes only.
- 17 Not available for 85LM and up.
- 18 ECOD with MVOLT only available for 08LM - 17LM.

**CP Notes**

CP with MVOLT only available for 08LM - 17LM. BR, BRT20C, HBR, EDXB, NL, NLER, NLTAIR2, NLTAIRER2, AE2CD not compatible with CP.

**AE2CD Notes**

Not available with 347 for LRM8 series. Only compatible with EZ1 driver for 55LM and below. CP, BR, BRT20C, HBR, NL, NLER, NLTAIR2, NLTAIRER2 not compatible with AE2CD. Recommended ceiling height of 30' and under; not intended for use on ceilings greater than 40' or metal ceiling installations.

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**PRODUCT SPECIFICATIONS** (cont.)

**MECHANICAL**

**New Construction Housing:** Low profile, universal housing design installs in suspended grid, plaster or drywall • Integral heat sink conducts heat away from LED light engine • Driver is accessible from above and below ceiling and can be upgraded to accommodate future technology improvements

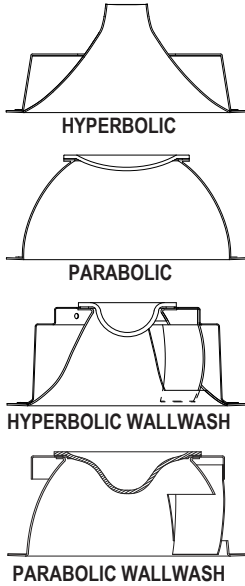
**Mounting Frame:** Heavy gauge steel lower housing ring accommodates ceilings up to 2" thick • For thicker ceilings; consult factory

**Mounting Bracket:** New Construction mounting brackets have 3" vertical adjustment and accepts most commercial bar hangers, including our proprietary Tru-Lock bar hangers • Our one-piece Tru-Lock bar hangers have integral T-bar locking screws and alignment notches for locating and locking fixture in the center or 1/4" tile increments

**Junction Box:** Over size 4" x 6" galvanized steel junction box with (6) 1/2" (2) 3/4" knockouts facilitate quick wiring • New Construction junction box rated for four (4) No. 12 AWG 90° C branch circuit conductors (2-in, 2-out)

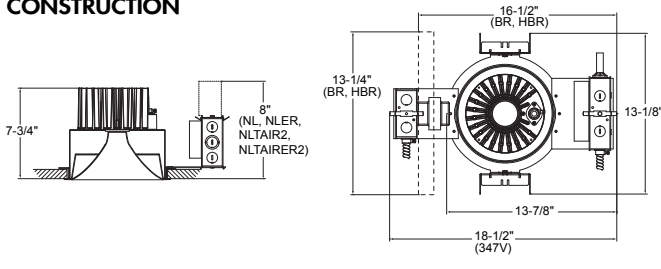
**Remodel Housing:** Housing installs from below ceiling in applications where above ceiling access is not available • Secured in place by factory installed remodel springs • Remodel springs accommodate ceilings from 1/2" to 1-1/8" thick • Integral heat sink conducts heat away from LED light engine • Driver is accessible from below the ceiling and can be upgraded to accommodate future technology improvements.

**TRIMS:**

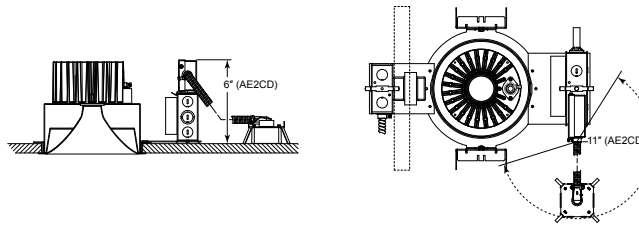


APERTURE: 7-3/8" Dia.  
 CEILING CUTOUT: 8" Dia.  
 OVERLAP TRIM: 8-5/8" Dia.

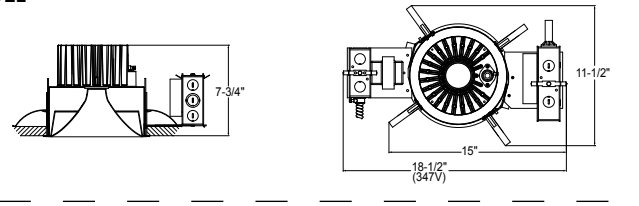
**NEW CONSTRUCTION**



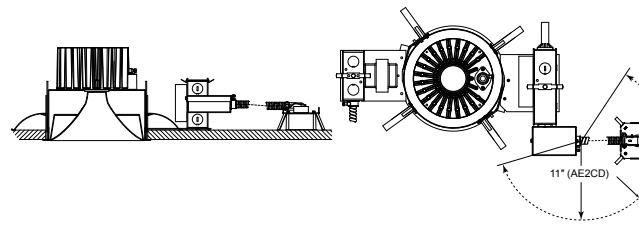
**Atrius Enabled**




**REMODEL**




**Atrius Enabled**



**ENERGY STAR® certified**

|   | PRODUCT#                                       | FIXTURE CONFIGURATIONS = ENERGY STAR   |
|---|--|--|
|  | (S) (WW)LM (XX)K (V) G4 (YY)CRI (UU) (ZZ) (CC) | Series: S = L8, LRM8<br>Lumen Package: WW = 08, 13, 15, 17, 23, 28, 33, 40, 45, 55, 65, 75, 80, 85, 90<br>CCT: XX = 27, 30, 35, 40, 50<br>Voltage: V= MVOLT, 120, 277<br>CRI: YY = 80, 90<br>Driver: UU = FD, EZ1, EZ10, EZB, ZT, GZ1<br>Trim Type: ZZ = HM, HW, P, WPR<br>Trim Color/Finish: CC = CS, CSS, CD |

**LABELS AND LISTINGS**

- Tested to UL1598 and CSA C22.2 250 and listed for feed through and damp locations
- Spacing requirement for 40LM and above: minimum of 4' between fixture centers, 3" overhead clearance, 2' from fixture center to side wall
- RoHS compliant
- EMI complies with FCC 47, Part 15, Class A
- ENERGY STAR® certified, see table for designated products
- I.B.E.W. Union made
- ARRA Compliant 

## PERFORMANCE

| LIGHT ENGINE                                      | 08LM  | 13LM  | 15LM  | 17LM  | 23LM  | 28LM  | 33LM  | 40LM  | 45LM  | 50LM  | 55LM  | 60LM  | 65LM  | 70LM  | 75LM  | 80LM  | 85LM  | 90LM  |  |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| <b>120V (50/60HZ)</b>                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| <b>INPUT CURRENT</b>                              | 0.063 | 0.098 | 0.115 | 0.132 | 0.197 | 0.238 | 0.280 | 0.351 | 0.345 | 0.381 | 0.427 | 0.439 | 0.483 | 0.541 | 0.573 | 0.607 | 0.656 | 0.710 |  |
| <b>INPUT WATTAGE</b>                              | 7.53  | 11.74 | 13.66 | 15.82 | 23.52 | 28.46 | 33.62 | 42.14 | 41.41 | 45.54 | 51.08 | 52.51 | 58.11 | 64.59 | 68.84 | 72.83 | 78.87 | 85.03 |  |
| <b>THD%</b>                                       | 6.42  | 5.19  | 4.61  | 3.86  | 5.09  | 5.46  | 4.43  | 4.53  | 6.03  | 6.03  | 6.23  | 6.44  | 6.54  | 7.32  | 7.58  | 7.75  | 8.37  | 8.05  |  |
| <b>POWER FACTOR</b>                               | 0.993 | 0.993 | 0.992 | 0.994 | 0.994 | 0.995 | 0.997 | 0.998 | 0.996 | 0.996 | 0.996 | 0.996 | 0.996 | 0.995 | 0.995 | 0.996 | 0.996 | 0.996 |  |
| <b>277V (50/60HZ)</b>                             |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| <b>INPUT CURRENT</b>                              | 0.031 | 0.048 | 0.056 | 0.063 | 0.093 | 0.108 | 0.131 | 0.158 | 0.161 | 0.175 | 0.195 | 0.202 | 0.221 | 0.251 | 0.265 | 0.268 | 0.290 | 0.310 |  |
| <b>INPUT WATTAGE</b>                              | 7.87  | 11.84 | 13.81 | 15.89 | 23.65 | 28.19 | 33.83 | 41.68 | 41.74 | 45.80 | 51.02 | 52.35 | 57.64 | 64.22 | 68.40 | 71.29 | 77.27 | 83.16 |  |
| <b>THD%</b>                                       | 12.00 | 11.62 | 11.31 | 11.34 | 9.93  | 9.04  | 10.48 | 8.79  | 9.15  | 8.07  | 9.85  | 11.12 | 10.97 | 13.07 | 12.83 | 12.96 | 13.53 | 12.56 |  |
| <b>POWER FACTOR</b>                               | 0.904 | 0.885 | 0.887 | 0.907 | 0.918 | 0.943 | 0.932 | 0.953 | 0.934 | 0.943 | 0.944 | 0.933 | 0.942 | 0.921 | 0.931 | 0.957 | 0.962 | 0.965 |  |
| <b>HYPERBOLIC REFLECTOR: L8 HW CS (35K 80CRI)</b> |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| <b>DELIVERED LUMENS (L8 HW CS)</b>                | 833   | 1,390 | 1,606 | 1,828 | 2,461 | 2,968 | 3,454 | 4,199 | 4,596 | 5,030 | 5,570 | 5,784 | 6,333 | 6,932 | 7,257 | 7,699 | 8,500 | 8,948 |  |
| <b>EFFICACY (LPW)</b>                             | 111   | 118   | 118   | 116   | 105   | 104   | 103   | 100   | 111   | 110   | 109   | 110   | 109   | 107   | 105   | 106   | 108   | 105   |  |
| <b>PARABOLIC REFLECTOR: L8 P CS (35K 80CRI)</b>   |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |
| <b>DELIVERED LUMENS (L8 P CS)</b>                 | 653   | 1,089 | 1,259 | 1,433 | 1,929 | 2,326 | 2,389 | 3,292 | 3,677 | 4,024 | 4,456 | 4,628 | 5,067 | 5,546 | 5,807 | 6,160 | 6,800 | 7,160 |  |
| <b>EFFICACY (LPW)</b>                             | 87    | 93    | 92    | 91    | 82    | 82    | 71    | 78    | 89    | 88    | 87    | 88    | 87    | 86    | 84    | 85    | 86    | 84    |  |

## OPTICAL DISTRIBUTIONS

| HYPERBOLIC BEAM SPREAD |             |           |
|------------------------|-------------|-----------|
| Trim                   | 08LM - 40LM | 45LM-90LM |
| L8 HM CS               | 57°         | 62°       |
| L8 HM CSS              | 57°         | 62°       |
| L8 HM CD               | 62°         | 65°       |
| L8 HW CS               | 71°         | 74°       |
| L8 HW CSS              | 71°         | 74°       |
| L8 HW CD               | 71°         | 74°       |

| PARABOLIC BEAM SPREAD |             |           |
|-----------------------|-------------|-----------|
| Trim                  | 08LM - 40LM | 45LM-90LM |
| L8 P CS               | 55°         | 55°       |
| L8 P CSS              | 58°         | 61°       |
| L8 P CD               | 69°         | 73°       |
| L8 WPR CS             | 84°         | 83°       |
| L8 WPR CSS            | 83°         | 83°       |
| L8 WPR CD             | 83°         | 84°       |

## LUMEN MULTIPLIERS

| CCT   | MULTIPLIER |
|-------|------------|
| 2700K | 0.90       |
| 3000K | 0.96       |
| 3500K | 1.00       |
| 4000K | 1.01       |
| 5000K | 1.04       |

| CRI   | MULTIPLIER |
|-------|------------|
| 80CRI | 1.00       |
| 90CRI | 0.83       |

| HYPERBOLIC TRIM | MULTIPLIER |
|-----------------|------------|
| L8 HM CS        | 0.99       |
| L8 HM CSS       | 0.96       |
| L8 HM CD        | 0.89       |
| L8 HW CS        | 1.00       |
| L8 HW CSS       | 0.98       |
| L8 HW CD        | 0.87       |

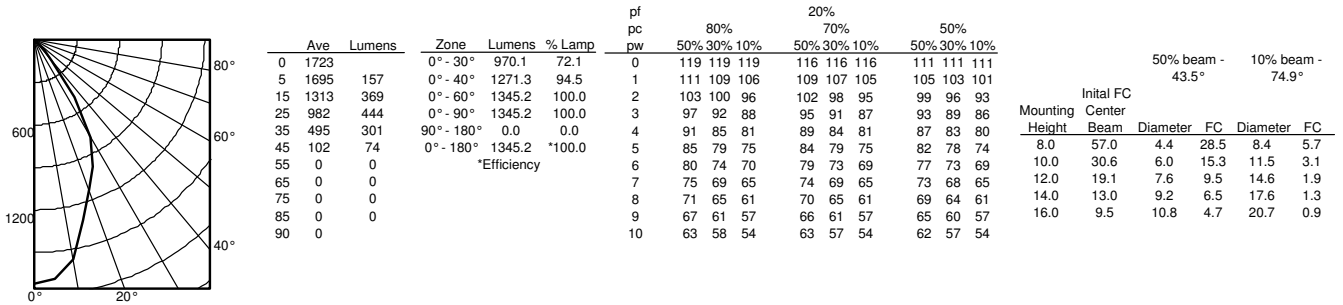
| PARABOLIC TRIM | MULTIPLIER |
|----------------|------------|
| L8 P CS        | 1.00       |
| L8 P CSS       | 0.97       |
| L8 P CD        | 0.94       |
| L8 WPR CS      | 0.98       |
| L8 WPR CSS     | 0.96       |
| L8 WPR CD      | 0.91       |

| Applying Lumen Multipliers to Calculate Delivered Lumens |   |                |   |                |   |                 |   |  |
|--|---|----------------|---|----------------|---|-----------------|---|--|
| Base Fixture Delivered Lumens (from Performance Table)   | x | CCT Multiplier | x | CRI Multiplier | x | Trim Multiplier | = | Delivered Lumens for Desired Fixture and Reflector |
| <b>Example: L8 23LM 30K MVOLT 90CRI G4 ZT HM CD</b>      |   |                |   |                |   |                 |   |  |
| 2461 Lumens  | x | 0.96           | x | 0.83           | x | 0.89            | = | 1745 Lumens  |

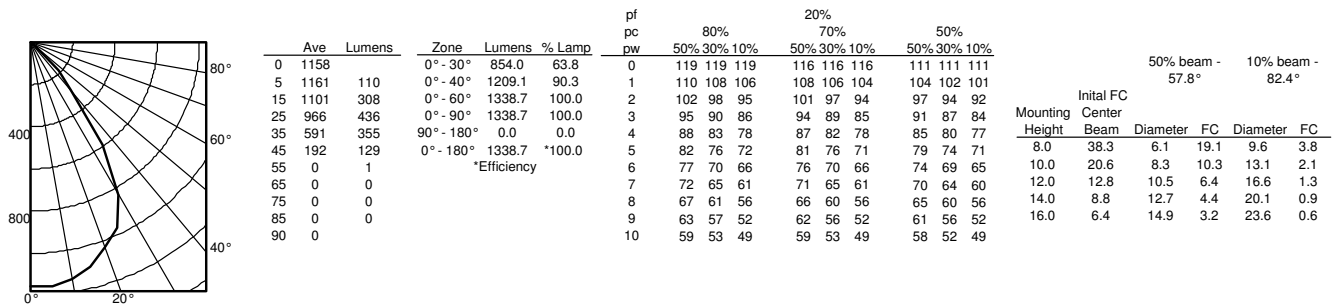
**HYPERBOLIC PHOTOMETRICS**

**Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire**

**L8 13LM 35K + L8 HM CS**, 3500K LEDs, input watts: 11.74, delivered lumens: 1345.2, LM/W = 114.6, Spacing Criteria: 0.8, test no. PR0717181, tested in accordance to IESNA LM-79.



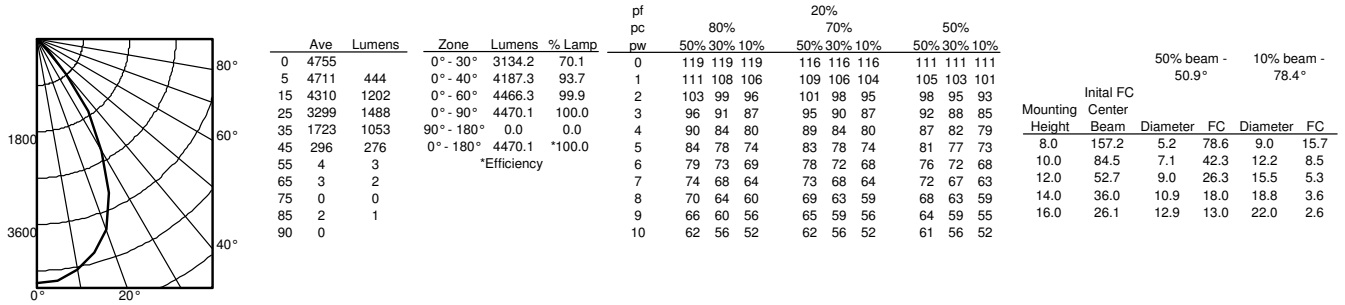
**L8 13LM 35K + L8 HW CS**, 3500K LEDs, input watts: 11.74, delivered lumens: 1338.7, LM/W = 114.0, Spacing Criteria: 1.1, test no. PR07171884, tested in accordance to IESNA LM-79.



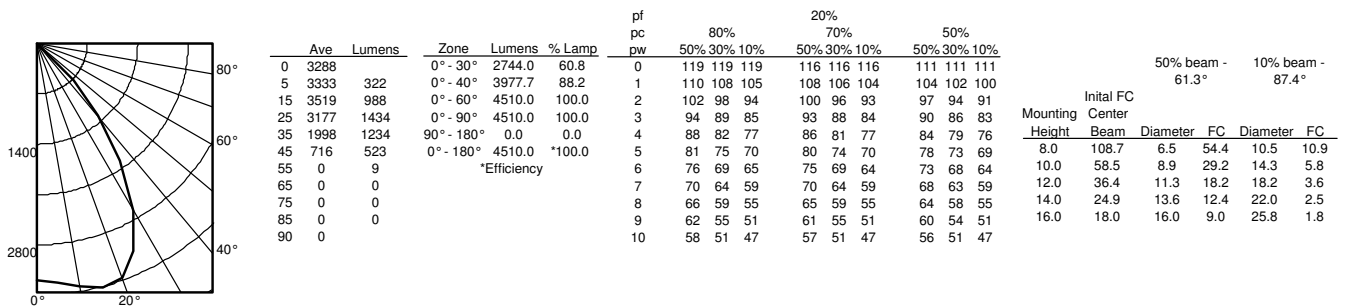
**HYPERBOLIC PHOTOMETRICS**

**Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire**

**L8 45LM 35K + L8 HM CS, 3500K LEDs, input watts: 41.41, delivered lumens: 4470.1, LM/W = 107.9, Spacing Criteria: 1.0, test no. PR07171284, tested in accordance to IESNA LM-79.**



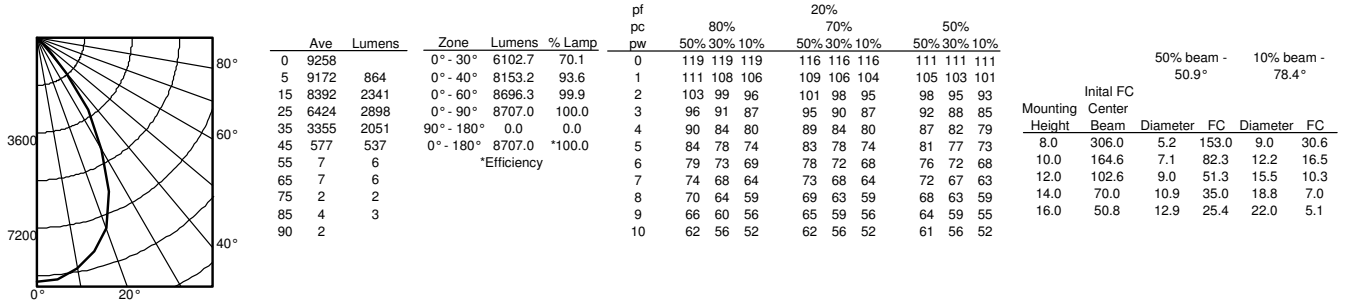
**L8 45LM 35K + L8 HW CS, 3500K LEDs, input watts: 41.41, delivered lumens: 4510.0, LM/W = 108.9, Spacing Criteria: 1.2, test no. PR07171281, tested in accordance to IESNA LM-79.**



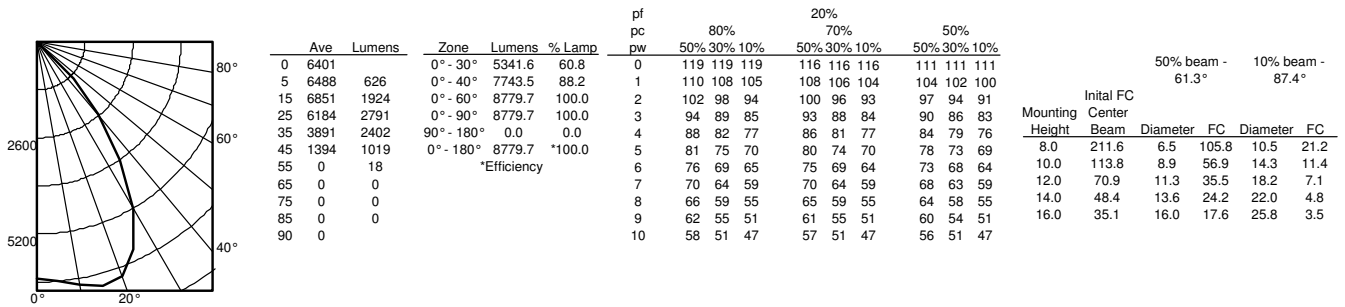
**HYPERBOLIC PHOTOMETRICS**

**Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire**

**L8 90LM 35K + L8 HM CS, 3500K LEDs, input watts:85.03, delivered lumens: 8707.0, LM/W = 102.4, Spacing Criteria: 1.0, test no. PR07171294, tested in accordance to IESNA LM-79.**



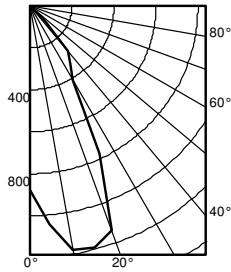
**L8 90LM 35K + L8 HW CS, 3500K LEDs, input watts:85.03, delivered lumens: 8779.7, LM/W = 103.3, Spacing Criteria: 1.2, test no. PR07171291, tested in accordance to IESNA LM-79.**



PARABOLIC PHOTOMETRICS

Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire

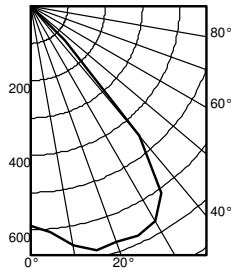
L8 13LM 35K + L8 PCS, 3500K LEDs, input watts: 11.74, delivered lumens: 1086.5, LM/W = 92.5, Spacing Criteria: 1.0, test no. PR11171591P8, tested in accordance to IESNA LM-79.



| Ave | Lumens | Zone       | Lumens | % Lamp      | pf | 20% |     |     |     |     |     |     |     |     |
|-----|--------|------------|--------|-------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |        |            |        |             |    | pc  | 80% |     | 70% |     | 50% |     |     |     |
|     |        |            |        |             | pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% |
| 0   | 878    | 0° - 30°   | 784.2  | 72.2        | 0  | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 |
| 5   | 1043   | 0° - 40°   | 993.5  | 91.4        | 1  | 111 | 108 | 106 | 109 | 107 | 105 | 105 | 103 | 101 |
| 15  | 1191   | 0° - 60°   | 1085.7 | 99.9        | 2  | 103 | 99  | 96  | 102 | 98  | 95  | 98  | 95  | 93  |
| 25  | 779    | 0° - 90°   | 1086.5 | 100.0       | 3  | 96  | 91  | 88  | 95  | 90  | 87  | 92  | 89  | 85  |
| 35  | 331    | 90° - 180° | 0.0    | 0.0         | 4  | 90  | 85  | 80  | 89  | 84  | 80  | 87  | 82  | 79  |
| 45  | 96     | 0° - 180°  | 1086.5 | *100.0      | 5  | 84  | 79  | 74  | 83  | 78  | 74  | 82  | 77  | 73  |
| 55  | 2      |            |        | *Efficiency | 6  | 79  | 73  | 69  | 78  | 73  | 69  | 77  | 72  | 68  |
| 65  | 1      |            |        |             | 7  | 74  | 68  | 64  | 74  | 68  | 64  | 72  | 67  | 64  |
| 75  | 0      |            |        |             | 8  | 70  | 64  | 60  | 70  | 64  | 60  | 68  | 63  | 60  |
| 85  | 0      |            |        |             | 9  | 66  | 60  | 56  | 66  | 60  | 56  | 65  | 60  | 56  |
| 90  | 0      |            |        |             | 10 | 63  | 57  | 53  | 62  | 57  | 53  | 61  | 56  | 53  |

| Mounting Height | Initial FC Center |          | 50% beam - 54.2° |          | 10% beam - 83.6° |    |
|-----------------|-------------------|----------|------------------|----------|------------------|----|
|                 | Beam              | Diameter | FC               | Diameter | FC               | FC |
| 8.0             | 29.0              | 5.6      | 14.5             | 9.8      | 2.9              |    |
| 10.0            | 15.6              | 7.7      | 7.8              | 13.4     | 1.6              |    |
| 12.0            | 9.7               | 9.7      | 4.9              | 17.0     | 1.0              |    |
| 14.0            | 6.6               | 11.8     | 3.3              | 20.6     | 0.7              |    |
| 16.0            | 4.8               | 13.8     | 2.4              | 24.1     | 0.5              |    |

L8 13LM 35K + L8 WPR CS, 3500K LEDs, input watts: 11.74, delivered lumens: 1068.5, LM/W = 91, Spacing Criteria: 1.5, test no. PR11171594P8, tested in accordance to IESNA LM-79.



| Ave | Lumens | Zone       | Lumens | % Lamp      | pf | 20% |     |     |     |     |     |     |     |     |
|-----|--------|------------|--------|-------------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|     |        |            |        |             |    | pc  | 80% |     | 70% |     | 50% |     |     |     |
|     |        |            |        |             | pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% |
| 0   | 588    | 0° - 30°   | 562.4  | 52.6        | 0  | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 |
| 5   | 608    | 0° - 40°   | 926.6  | 86.7        | 1  | 110 | 107 | 105 | 108 | 105 | 103 | 104 | 102 | 100 |
| 15  | 679    | 0° - 60°   | 1067.2 | 99.9        | 2  | 101 | 97  | 93  | 99  | 95  | 92  | 96  | 93  | 90  |
| 25  | 680    | 0° - 90°   | 1068.5 | 100.0       | 3  | 93  | 88  | 83  | 92  | 87  | 83  | 89  | 85  | 81  |
| 35  | 610    | 90° - 180° | 0.0    | 0.0         | 4  | 86  | 80  | 75  | 85  | 79  | 75  | 83  | 78  | 74  |
| 45  | 131    | 0° - 180°  | 1068.5 | *100.0      | 5  | 79  | 73  | 68  | 78  | 72  | 68  | 76  | 71  | 67  |
| 55  | 3      |            |        | *Efficiency | 6  | 73  | 67  | 62  | 73  | 66  | 62  | 71  | 65  | 61  |
| 65  | 2      |            |        |             | 7  | 68  | 61  | 56  | 67  | 61  | 56  | 66  | 60  | 56  |
| 75  | 0      |            |        |             | 8  | 63  | 56  | 52  | 62  | 56  | 52  | 61  | 55  | 51  |
| 85  | 0      |            |        |             | 9  | 59  | 52  | 48  | 58  | 52  | 47  | 57  | 51  | 47  |
| 90  | 0      |            |        |             | 10 | 55  | 48  | 44  | 54  | 48  | 44  | 53  | 48  | 44  |

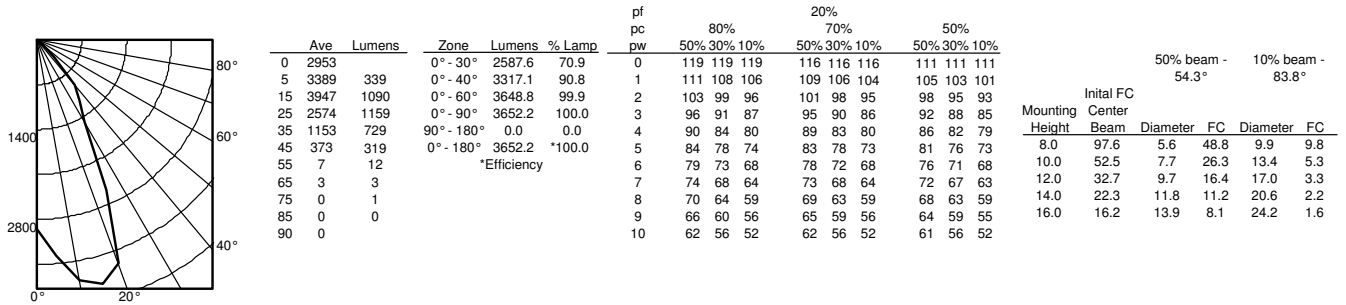
| Mounting Height | Initial FC Center |          | 50% beam - 72.9° |          | 10% beam - 89.0° |    |
|-----------------|-------------------|----------|------------------|----------|------------------|----|
|                 | Beam              | Diameter | FC               | Diameter | FC               | FC |
| 8.0             | 19.5              | 8.1      | 9.7              | 10.8     | 1.9              |    |
| 10.0            | 10.5              | 11.1     | 5.2              | 14.8     | 1.0              |    |
| 12.0            | 6.5               | 14.0     | 3.3              | 18.7     | 0.7              |    |
| 14.0            | 4.4               | 17.0     | 2.2              | 22.6     | 0.4              |    |
| 16.0            | 3.2               | 19.9     | 1.6              | 26.6     | 0.3              |    |



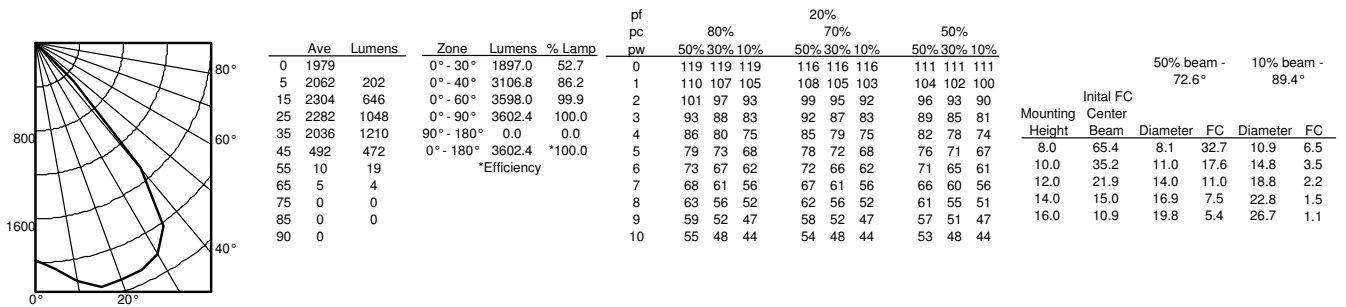
PARABOLIC PHOTOMETRICS

Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire

**L8 45LM 35K + L8 P CS**, 3500K LEDs, input watts: 41.41, delivered lumens: 3652.2, LM/W = 88.2, Spacing Criteria: 1.0, test no. PR11710994P3, tested in accordance to IESNA LM-79.



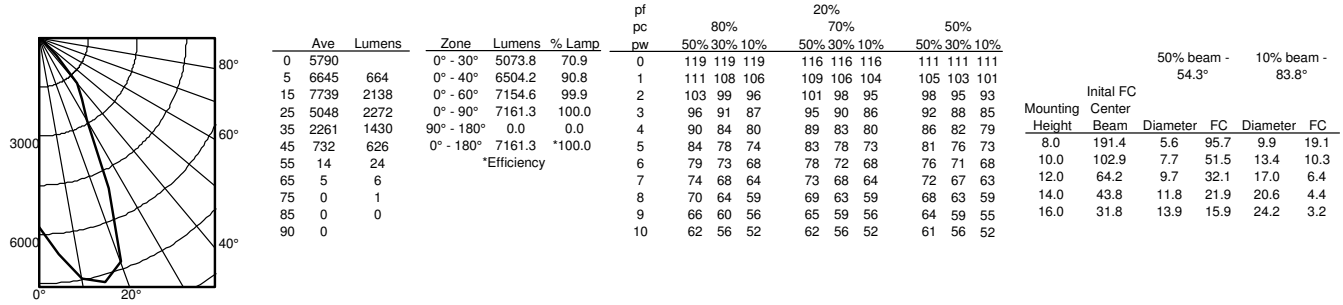
**L8 45LM 35K + L8 WPR CS**, 3500K LEDs, input watts: 41.41, delivered lumens: 3602.4, LM/W = 87, Spacing Criteria: 1.5, test no. PR1171092P3, tested in accordance to IESNA LM-79



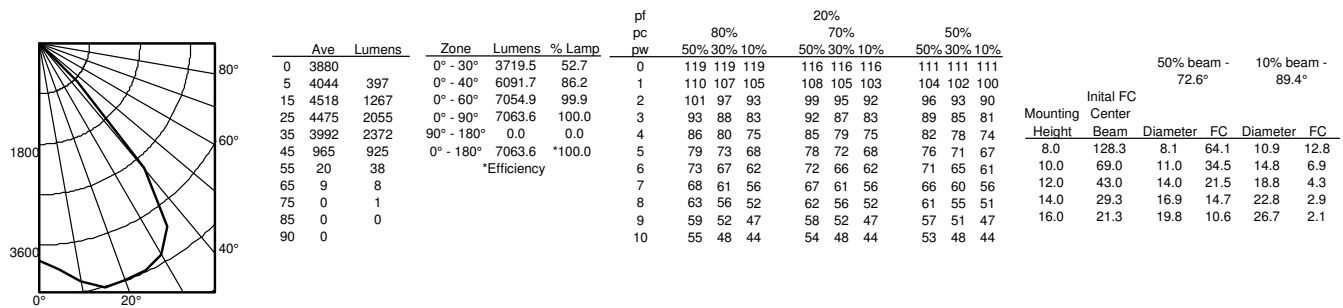
PARABOLIC PHOTOMETRICS

Distribution Curve      Distribution Data      Output Data      Coefficient of Utilization      Illuminance Data at 30" Above Floor for a Single Luminaire

**L8 90LM 35K + L8 PCS**, 3500K LEDs, input watts: 85.03, delivered lumens: 7161.3, LM/W = 84.2, Spacing Criteria: 1.0, test no. PR11170994, tested in accordance to IESNA LM-79.



**L8 90LM 35K + L8 WPR CS**, 3500K LEDs, input watts:85.03, delivered lumens: 7063.6, LM/W = 83.1, Spacing Criteria: 1.5, test no. PR11171092, tested in accordance to IESNA LM-79.



**PERFORMANCE DATA**

**LUMINAIRES SPACED 2' FROM WALL**

Catalog Number: L8 90LM 35K 120 G4 80CRI ZT; L8 HWS CSS Spread: Single Wall Test #: PR07171991

| Single Unit                                |    |    |    |    |    |  | Lamp                  | Multiple Units On 2' Centers* |     |     | Multiple Units On 3' Centers* |     |     | Multiple Units On 4' Centers* |    |     |
|--|----|----|----|----|----|--|-----------------------|-------------------------------|-----|-----|-------------------------------|-----|-----|-------------------------------|----|-----|
| Lateral Distance From Fixture 2' From Wall |    |    |    |    |    |  | BXRC-35E10K0-D-73-SE  | Spaced 2' From Wall           |     |     | Spaced 2' From Wall           |     |     | Spaced 2' From Wall           |    |     |
| 0'   | 1' | 2' | 3' | 4' | 5' |  | Distance From Ceiling | CL                            | CL  | CL  | CL                            | CL  | CL  | CL                            | CL | CL  |
| 123  | 84 | 36 | 13 | 6  | 6  |  | 1'                    | 195                           | 189 | 195 | 146                           | 117 | 146 | 132                           | 69 | 132 |
| 106  | 82 | 42 | 18 | 9  | 7  |  | 2'                    | 193                           | 191 | 193 | 138                           | 126 | 138 | 118                           | 83 | 118 |
| 94   | 71 | 38 | 19 | 11 | 8  |  | 3'                    | 175                           | 172 | 175 | 128                           | 115 | 128 | 109                           | 77 | 109 |
| 76   | 64 | 40 | 22 | 13 | 9  |  | 4'                    | 163                           | 163 | 163 | 115                           | 113 | 115 | 95                            | 80 | 95  |
| 51   | 48 | 36 | 22 | 14 | 11 |  | 5'                    | 135                           | 138 | 135 | 94                            | 98  | 94  | 73                            | 75 | 73  |
| 34   | 36 | 29 | 22 | 15 | 12 |  | 6'                    | 107                           | 114 | 107 | 76                            | 83  | 76  | 57                            | 63 | 57  |
| 25   | 28 | 25 | 19 | 15 | 12 |  | 7'                    | 89                            | 96  | 89  | 65                            | 71  | 65  | 50                            | 54 | 50  |
| 20   | 23 | 20 | 16 | 14 | 12 |  | 8'                    | 75                            | 81  | 75  | 55                            | 62  | 55  | 43                            | 45 | 43  |
| 15   | 17 | 16 | 13 | 11 | 10 |  | 9'                    | 59                            | 64  | 59  | 44                            | 50  | 44  | 34                            | 36 | 34  |
| 10   | 13 | 12 | 10 | 9  | 7  |  | 10'                   | 43                            | 47  | 43  | 34                            | 38  | 34  | 25                            | 29 | 25  |

**LUMINAIRES SPACED 3' FROM WALL**

Catalog Number: L8 90LM 35K 120 G4 80CRI ZT; L8 HWS CSS Spread: Single Wall Test #: PR07171991

| Single Unit                                |    |    |    |    |    |  | Lamp                  | Multiple Units On 3' Centers* |     |     | Multiple Units On 4' Centers* |    |    | Multiple Units On 6' Centers* |    |    |
|--|----|----|----|----|----|--|-----------------------|-------------------------------|-----|-----|-------------------------------|----|----|-------------------------------|----|----|
| Lateral Distance From Fixture 3' From Wall |    |    |    |    |    |  | BXRC-35E10K0-D-73-SE  | Spaced 3' From Wall           |     |     | Spaced 3' From Wall           |    |    | Spaced 3' From Wall           |    |    |
| 0'   | 1' | 2' | 3' | 4' | 5' |  | Distance From Ceiling | CL                            | CL  | CL  | CL                            | CL | CL | CL                            | CL | CL |
| 49   | 42 | 27 | 16 | 9  | 7  |  | 1'                    | 79                            | 76  | 79  | 65                            | 56 | 65 | 53                            | 27 | 53 |
| 66   | 59 | 39 | 23 | 14 | 10 |  | 2'                    | 111                           | 110 | 111 | 89                            | 82 | 89 | 71                            | 40 | 71 |
| 47   | 43 | 32 | 22 | 15 | 11 |  | 3'                    | 90                            | 89  | 90  | 71                            | 68 | 71 | 52                            | 37 | 52 |
| 47   | 42 | 31 | 21 | 15 | 11 |  | 4'                    | 87                            | 86  | 87  | 69                            | 65 | 69 | 52                            | 37 | 52 |
| 45   | 40 | 31 | 22 | 15 | 12 |  | 5'                    | 87                            | 87  | 87  | 69                            | 67 | 69 | 50                            | 39 | 50 |
| 39   | 36 | 29 | 22 | 17 | 13 |  | 6'                    | 82                            | 83  | 82  | 65                            | 65 | 65 | 46                            | 40 | 46 |
| 31   | 30 | 26 | 21 | 17 | 14 |  | 7'                    | 74                            | 76  | 74  | 58                            | 61 | 58 | 40                            | 39 | 40 |
| 24   | 25 | 22 | 19 | 15 | 13 |  | 8'                    | 63                            | 69  | 63  | 49                            | 54 | 49 | 34                            | 34 | 34 |
| 17   | 19 | 18 | 15 | 13 | 12 |  | 9'                    | 51                            | 58  | 51  | 40                            | 45 | 40 | 28                            | 29 | 28 |
| 12   | 14 | 14 | 11 | 11 | 10 |  | 10'                   | 41                            | 44  | 41  | 32                            | 36 | 32 | 21                            | 23 | 21 |

**LUMINAIRES SPACED 4' FROM WALL**

Catalog Number: L8 90LM 35K 120 G4 80CRI ZT; L8 HWS CSS Spread: Single Wall Test #: PR07171991

| Single Unit                                |    |    |    |    |    |  | Lamp                  | Multiple Units On 3' Centers* |    |    | Multiple Units On 4' Centers* |    |    | Multiple Units On 6' Centers* |    |    |
|--|----|----|----|----|----|--|-----------------------|-------------------------------|----|----|-------------------------------|----|----|-------------------------------|----|----|
| Lateral Distance From Fixture 4' From Wall |    |    |    |    |    |  | BXRC-35E10K0-D-73-SE  | Spaced 4' From Wall           |    |    | Spaced 4' From Wall           |    |    | Spaced 4' From Wall           |    |    |
| 0'   | 1' | 2' | 3' | 4' | 5' |  | Distance From Ceiling | CL                            | CL | CL | CL                            | CL | CL | CL                            | CL | CL |
| 27   | 24 | 19 | 14 | 10 | 8  |  | 1'                    | 53                            | 53 | 53 | 42                            | 41 | 42 | 33                            | 25 | 33 |
| 45   | 40 | 31 | 22 | 16 | 12 |  | 2'                    | 88                            | 88 | 88 | 70                            | 67 | 70 | 53                            | 41 | 53 |
| 38   | 36 | 30 | 23 | 17 | 13 |  | 3'                    | 83                            | 84 | 83 | 65                            | 65 | 65 | 48                            | 42 | 48 |
| 31   | 29 | 25 | 20 | 16 | 13 |  | 4'                    | 71                            | 72 | 71 | 57                            | 56 | 57 | 41                            | 37 | 41 |
| 32   | 29 | 24 | 19 | 15 | 13 |  | 5'                    | 70                            | 70 | 70 | 56                            | 55 | 56 | 41                            | 36 | 41 |
| 31   | 29 | 25 | 20 | 16 | 13 |  | 6'                    | 70                            | 71 | 70 | 56                            | 56 | 56 | 41                            | 37 | 41 |
| 29   | 27 | 23 | 20 | 16 | 14 |  | 7'                    | 69                            | 71 | 69 | 55                            | 56 | 55 | 40                            | 37 | 40 |
| 25   | 25 | 22 | 18 | 15 | 14 |  | 8'                    | 66                            | 69 | 66 | 52                            | 54 | 52 | 37                            | 35 | 37 |
| 21   | 20 | 18 | 16 | 14 | 12 |  | 9'                    | 56                            | 59 | 56 | 45                            | 47 | 45 | 32                            | 31 | 32 |
| 15   | 15 | 15 | 13 | 12 | 10 |  | 10'                   | 45                            | 46 | 45 | 36                            | 37 | 36 | 25                            | 26 | 25 |

\*Based on minimum of five luminaires. Reflectances: 80, 50, 20. Values are rounded to nearest whole footcandle.

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.



**PERFORMANCE DATA**

**LUMINAIRES SPACED 2' FROM WALL**

Catalog Number: L8 90LM 35K 120 G4 80CRI ZT; L8 WS CD Spread: Single Wall Test #: PR07171795

| Single Unit                                |     |    |    |    |    |                       | Lamp                 | Multiple Units On 2' Centers* |     |     | Multiple Units On 3' Centers* |     |     | Multiple Units On 4' Centers* |     |  |
|--|-----|----|----|----|----|-----------------------|----------------------|-------------------------------|-----|-----|-------------------------------|-----|-----|-------------------------------|-----|--|
| Lateral Distance From Fixture 2' From Wall |     |    |    |    |    |                       | BXRC-35E10K0-D-73-SE | Spaced 2' From Wall           |     |     | Spaced 2' From Wall           |     |     | Spaced 2' From Wall           |     |  |
| 0'   | 1'  | 2' | 3' | 4' | 5' | Distance From Ceiling | CL                   | CL                            | CL  | CL  | CL                            | CL  | CL  | CL                            | CL  |  |
| 146  | 101 | 41 | 15 | 7  | 7  | 1'                    | 228                  | 220                           | 228 | 171 | 137                           | 171 | 156 | 79                            | 156 |  |
| 186  | 143 | 69 | 27 | 12 | 9  | 2'                    | 330                  | 330                           | 330 | 235 | 213                           | 235 | 204 | 136                           | 204 |  |
| 135  | 106 | 56 | 27 | 14 | 11 | 3'                    | 257                  | 258                           | 257 | 184 | 171                           | 184 | 156 | 113                           | 156 |  |
| 88   | 78  | 55 | 28 | 15 | 11 | 4'                    | 207                  | 206                           | 207 | 141 | 150                           | 141 | 111 | 111                           | 111 |  |
| 55   | 53  | 44 | 30 | 18 | 12 | 5'                    | 160                  | 164                           | 160 | 112 | 115                           | 112 | 82  | 92                            | 82  |  |
| 36   | 39  | 34 | 28 | 20 | 14 | 6'                    | 126                  | 132                           | 126 | 89  | 97                            | 89  | 68  | 73                            | 68  |  |
| 27   | 30  | 28 | 23 | 19 | 15 | 7'                    | 106                  | 111                           | 106 | 75  | 84                            | 75  | 59  | 62                            | 59  |  |
| 22   | 25  | 22 | 19 | 17 | 15 | 8'                    | 89                   | 95                            | 89  | 65  | 72                            | 65  | 51  | 52                            | 51  |  |
| 17   | 19  | 18 | 16 | 14 | 13 | 9'                    | 70                   | 75                            | 70  | 52  | 60                            | 52  | 41  | 42                            | 41  |  |
| 11   | 14  | 13 | 12 | 11 | 9  | 10'                   | 50                   | 54                            | 50  | 40  | 44                            | 40  | 30  | 34                            | 30  |  |

**LUMINAIRES SPACED 3' FROM WALL**

Catalog Number: L8 90LM 35K 120 G4 80CRI ZT; L8 WS CD Spread: Single Wall Test #: PR07171795

| Single Unit                                |    |    |    |    |    |                       | Lamp                 | Multiple Units On 3' Centers* |     |     | Multiple Units On 4' Centers* |     |     | Multiple Units On 6' Centers* |     |  |
|--|----|----|----|----|----|-----------------------|----------------------|-------------------------------|-----|-----|-------------------------------|-----|-----|-------------------------------|-----|--|
| Lateral Distance From Fixture 3' From Wall |    |    |    |    |    |                       | BXRC-35E10K0-D-73-SE | Spaced 3' From Wall           |     |     | Spaced 3' From Wall           |     |     | Spaced 3' From Wall           |     |  |
| 0'   | 1' | 2' | 3' | 4' | 5' | Distance From Ceiling | CL                   | CL                            | CL  | CL  | CL                            | CL  | CL  | CL                            | CL  |  |
| 48   | 42 | 26 | 16 | 10 | 8  | 1'                    | 78                   | 74                            | 78  | 64  | 55                            | 64  | 52  | 25                            | 52  |  |
| 101  | 89 | 57 | 32 | 18 | 12 | 2'                    | 165                  | 163                           | 165 | 131 | 119                           | 131 | 107 | 57                            | 107 |  |
| 81   | 75 | 55 | 35 | 21 | 14 | 3'                    | 152                  | 154                           | 152 | 118 | 115                           | 118 | 89  | 62                            | 89  |  |
| 69   | 63 | 46 | 30 | 21 | 15 | 4'                    | 130                  | 129                           | 130 | 103 | 97                            | 103 | 77  | 54                            | 77  |  |
| 56   | 53 | 43 | 30 | 20 | 15 | 5'                    | 115                  | 117                           | 115 | 88  | 92                            | 88  | 64  | 54                            | 64  |  |
| 44   | 42 | 37 | 30 | 22 | 16 | 6'                    | 101                  | 101                           | 101 | 79  | 81                            | 79  | 53  | 54                            | 53  |  |
| 34   | 33 | 30 | 26 | 22 | 17 | 7'                    | 88                   | 91                            | 88  | 69  | 71                            | 69  | 45  | 48                            | 45  |  |
| 25   | 27 | 25 | 22 | 19 | 17 | 8'                    | 74                   | 81                            | 74  | 58  | 64                            | 58  | 39  | 40                            | 39  |  |
| 19   | 21 | 20 | 18 | 16 | 15 | 9'                    | 60                   | 68                            | 60  | 47  | 53                            | 47  | 32  | 33                            | 32  |  |
| 14   | 15 | 15 | 12 | 13 | 12 | 10'                   | 48                   | 51                            | 48  | 37  | 41                            | 37  | 26  | 26                            | 26  |  |

**LUMINAIRES SPACED 4' FROM WALL**

Catalog Number: L8 90LM 35K 120 G4 80CRI ZT; L8 WS CD Spread: Single Wall Test #: PR07171795

| Single Unit                                |    |    |    |    |    |                       | Lamp                 | Multiple Units On 3' Centers* |     |     | Multiple Units On 4' Centers* |     |    | Multiple Units On 6' Centers* |    |  |
|--|----|----|----|----|----|-----------------------|----------------------|-------------------------------|-----|-----|-------------------------------|-----|----|-------------------------------|----|--|
| Lateral Distance From Fixture 4' From Wall |    |    |    |    |    |                       | BXRC-35E10K0-D-73-SE | Spaced 4' From Wall           |     |     | Spaced 4' From Wall           |     |    | Spaced 4' From Wall           |    |  |
| 0'   | 1' | 2' | 3' | 4' | 5' | Distance From Ceiling | CL                   | CL                            | CL  | CL  | CL                            | CL  | CL | CL                            | CL |  |
| 25   | 23 | 17 | 13 | 10 | 8  | 1'                    | 47                   | 48                            | 47  | 38  | 37                            | 38  | 30 | 23                            | 30 |  |
| 57   | 51 | 38 | 26 | 19 | 14 | 2'                    | 110                  | 110                           | 110 | 86  | 83                            | 86  | 66 | 50                            | 66 |  |
| 64   | 60 | 48 | 35 | 24 | 17 | 3'                    | 133                  | 138                           | 133 | 105 | 104                           | 105 | 76 | 66                            | 76 |  |
| 51   | 48 | 41 | 31 | 23 | 18 | 4'                    | 117                  | 119                           | 117 | 91  | 92                            | 91  | 65 | 60                            | 65 |  |
| 46   | 43 | 35 | 28 | 22 | 17 | 5'                    | 103                  | 105                           | 103 | 82  | 80                            | 82  | 60 | 52                            | 60 |  |
| 41   | 39 | 34 | 27 | 21 | 17 | 6'                    | 98                   | 99                            | 98  | 76  | 78                            | 76  | 55 | 51                            | 55 |  |
| 35   | 33 | 30 | 26 | 21 | 17 | 7'                    | 89                   | 92                            | 89  | 71  | 71                            | 71  | 48 | 48                            | 48 |  |
| 29   | 28 | 26 | 22 | 20 | 18 | 8'                    | 80                   | 84                            | 80  | 64  | 65                            | 64  | 44 | 44                            | 44 |  |
| 23   | 22 | 20 | 19 | 17 | 16 | 9'                    | 67                   | 71                            | 67  | 53  | 55                            | 53  | 38 | 36                            | 38 |  |
| 16   | 16 | 16 | 14 | 14 | 13 | 10'                   | 53                   | 54                            | 53  | 41  | 43                            | 41  | 29 | 31                            | 29 |  |

\*Based on minimum of five luminaires. Reflectances: 80, 50, 20. Values are rounded to nearest whole footcandle.

Fixtures tested to IES recommended standard for solid state lighting per LM-79-08. Photometric performance on a single unit represents a baseline of performance for the fixture. Results may vary in the field.



**CONTROLS**

**EXAMPLE**

Group Fixture Control\*

\*Application diagram applies for fixtures with eldoLED drivers only.

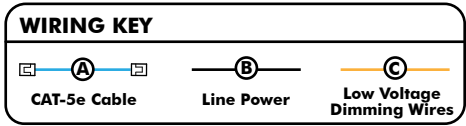
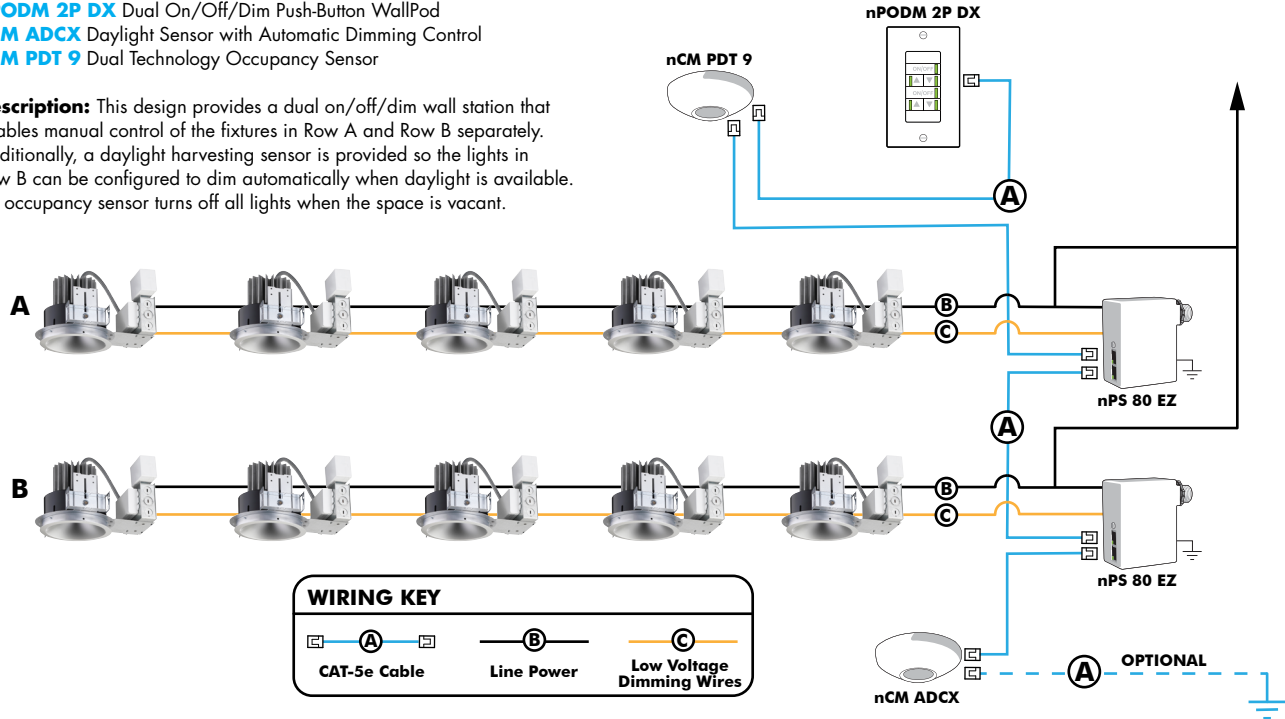
**nPS 80 EZ** Dimming/Control Pack (qty: 2 required)

**nPODM 2P DX** Dual On/Off/Dim Push-Button WallPod

**nCM ADCX** Daylight Sensor with Automatic Dimming Control

**nCM PDT 9** Dual Technology Occupancy Sensor

**Description:** This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.



**Choose Wall Controls**

nLight offers multiple styles of wall controls - each with varying features and user experience.



**Push-Button Wallpod**  
Traditional tactile buttons and LED user feedback



**Graphic Wallpod**  
Full color touch screen provides a sophisticated look and feel

**nLight® Wired Controls Accessories:**

| Order as separate catalog number. Visit <a href="http://www.acuitybrands.com/products/controls/nlight">www.acuitybrands.com/products/controls/nlight</a> for complete listing of nLight controls. |                     |  |                             |
|---|---------------------|--|-----------------------------|
| WallPod Stations  | Model number        | Occupancy sensors                          | Model Number                |
| On/Off  | nPODM (Color)       | Small motion 360°, ceiling (PIR/dual Tech) | nCM 9 / nCM PDT 9           |
| On/Off & Raise/Lower  | nPOD DX (Color)     | Large motion 360°, ceiling (PIR/dual tech) | nCM 10 / nCM PDT 10         |
| Graphic Touchscreen   | nPOD GFX (Color)    | Wide View (PIR/dual tech)                  | nWV 16 / nWV PDT 16         |
| <b>Photocell controls</b>   | <b>Model Number</b> | Wall Switch w/ Raise/Lower (PIR/dual tech) | nWSX LV DX / nWSX PDT LV DX |
| Dimming   | nCM ADCX            | <b>Cat-5 cables (plenum rated)</b>         | <b>Model Number</b>         |
|   |                     | 10', CAT5 10FT                             | CATS 10FT J1                |
|   |                     | 15, CAT5 15FT                              | CATS 15FT J1                |



**Capable Luminaire**

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brand's specification for chromatic consistency.
- This luminaire is part of an A+ Certified solution for nLight control networks when ordered with drivers marked by a Shaded background\*
- This Luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background\*

To learn more about A+, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

**nLight® AIR Control Accessories:**

Order as separate catalog number. Visit [www.acuitybrands.com/products/controls/nlightair](http://www.acuitybrands.com/products/controls/nlightair).

| Wall switches                    | Model number              |
|----------------------------------|---------------------------|
| On/Off single pole               | rPODB [color]             |
| On/Off two pole                  | rPODB 2P [color]          |
| On/Off & raise/lower single pole | rPODB DX [color]          |
| On/Off & raise/lower two pole    | rPODB 2P DX [color]       |
| On/Off & raise/lower single pole | rPODBZ DX WH <sup>1</sup> |

**Notes**

- 1 Can only be ordered with the RES7Z zone control sensor version.

**nLight AIR**

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Indy L-Series Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

