



KT-LED130HID-V-EX39-850-S-PKIT

HID REPLACEMENT LED LAMP AND METAL HALIDE KIT

DESCRIPTION

130W HID Replacement LED Lamp | 5000K | >80 CRI | Ballast Compatible



LAMP TYPE: HID Replacement LED
BASE TYPE: EX39 (Mogul)
WATTAGE: 130W
COLOR TEMPERATURE: 5000K
METAL HALIDE EQUIVALENT: 400W/320W
COLOR RENDERING INDEX (CRI): >80
WARRANTY: 5 Years

PRODUCT FEATURES

- **Compatible with Existing Magnetic HID Ballast (ANSI Codes: M59/M132/M135/M154/M155)**
- Plug and Play Installation; No Re-Wiring Required
- 50,000+ Hour Lifetime (L70); Lasts 2.5x Longer than Standard HID Lamps
- Environmentally Friendly: No Mercury Used
- Instant Startup
- Operating Temperature: -40°C to 35°C
- Suitable for Dry and Damp Locations
- Frosted Lens Eliminates Glare
- Rated for Open or Enclosed Fixtures
- Install Only in Vertical, Base-Up Orientation
- Lower Wattage Draw Can Extend Lifetime of HID Ballast
- When Retrofitted, Existing Fixture Changes from a Lagging (Inductive) Power Factor Source to a Leading (Capacitive) Power Factor Source; This Change May Help Improve the Building's Overall Electrical Power Factor
- Does Not Work on Reactor or Electronic Ballasts
- Lamp Includes Safety Tether for Additional Security When Installing Lamp in Luminaire
- Suitable for Use in Fully Enclosed Fixture

OPERATING SPECIFICATIONS

400W (M59, M135/M155) BALLAST APPLICATION

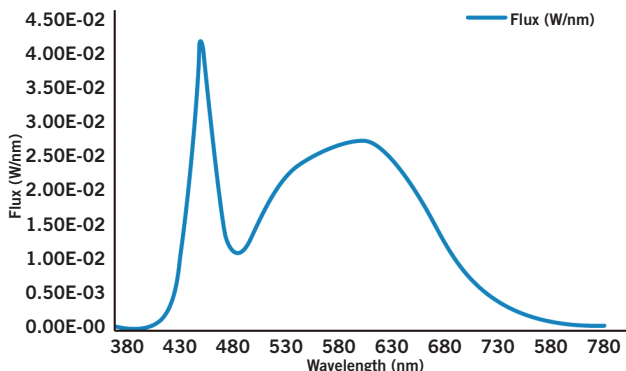
Catalog Number	Color Temp.	CRI	Lamp Wattage	Base Type	Orientation	Input Voltage	Lumens	System Wattage*
KT-LED130HID-V-EX39-850-S	5000K	>80	130W	EX39	Vertical	Ballast Dependent	13,000	166W

320W (M132/M154) BALLAST APPLICATION

Catalog Number	Color Temp.	CRI	Lamp Wattage	Base Type	Orientation	Input Voltage	Lumens	System Wattage*
KT-LED130HID-V-EX39-850-S	5000K	>80	130W	EX39	Vertical	Ballast Dependent	11,000	138W

* Nominal values. Actual values may vary depending on ballast used.

SPECTRAL DISTRIBUTION



LEGACY VS LED WATTAGE EQUIVALENCY

400W Equivalency

Lamp Wattage	System Wattage	Rated Initial Lumens	Foot Candles w/ New Lamp	Typical Lumen Depreciation After 5,000 Hours	Calculated Foot Candles After 5,000 Hours
400W	443W	38,000	97.50 fc	30%	68.25 fc
130W	166W	13,000	79.00 fc	4%	75.84 fc



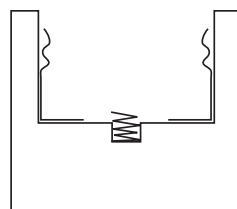
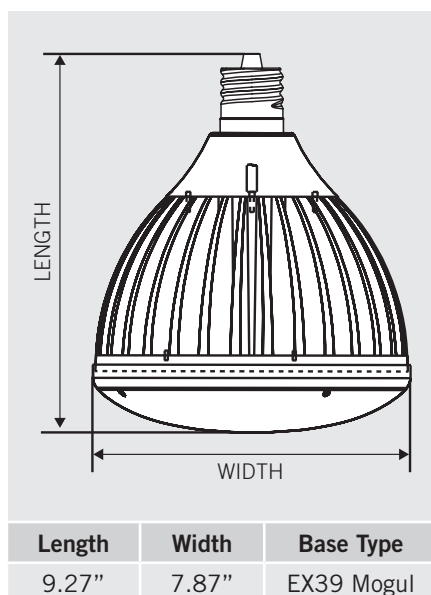
KT-LED130HID-V-EX39-850-S-PKIT

HID REPLACEMENT LED LAMP AND METAL HALIDE KIT

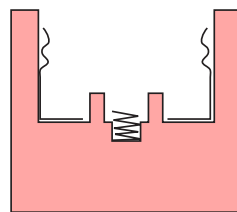
WIRING

Plug and Play: Simply replace the existing lamp with Keystone SmartDrive HID Replacement LED lamp. No changes to the existing ballast wiring needed. For ballast compatibility questions, please visit SmartDriveLED.com or contact Keystone.

PHYSICAL SPECIFICATIONS



E39 MOGUL SOCKET



EX39 MOGUL SOCKET

**EX39-based lamps
will work in both E39
and EX39 sockets.**

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED130HID-V-EX39-850-S-PKIT-DP	Distributor Pack (Individual Cartons)	4	Quick Ship

CATALOG NUMBER BREAKDOWN

KT-LED130HID-V-EX39-850-S-DP

Keystone
Technologies

LED Lamp

Wattage

Lamp
Type

Orientation

Base Type

800
Series

Color
Temp.

Smart
Drive
Series

Packaging
Style



KT-LED130HID-V-EX39-850-S-PKIT

HID REPLACEMENT LED LAMP AND METAL HALIDE KIT

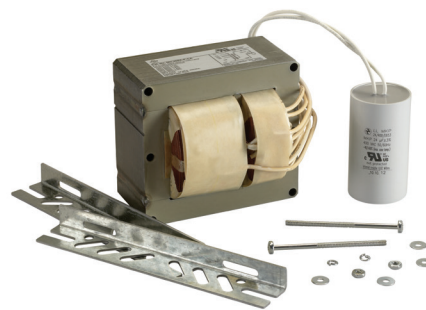
DESCRIPTION

400W Metal Halide Ballast Kit | 5 Tap

LAMP TYPE: 400W Standard Metal Halide (M59 or H33)

INPUT VOLTAGE: 5 Tap (120/208/240/277/480)

CIRCUIT TYPE: CWA (without Ignitor)



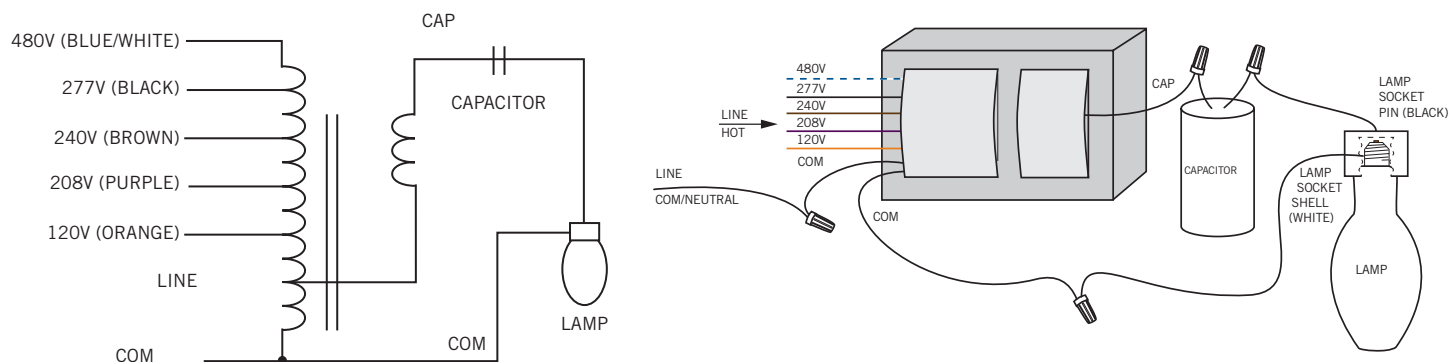
PRODUCT FEATURES

- ANSI Designation: M59 or H33
- Line Voltage: 120/208/240/277/480
- Regulation: 10%
- Frequency: 60 Hz
- Recommended Fuse (A): 10/8/5/5/5
- Circuit Type: CWA (without Ignitor)
- Insulation Class: 180°C
- Capacitor Value: 24 μ F
- Capacitor Voltage Rating: 400 V
- Capacitor Temperature Rating: 90°C
- Winding Materials: Copper/Aluminum
- Lamp Starter: N/A
- Agency Certification: RU, cRU
- Maximum Distance to Lamp: N/A

ELECTRICAL SPECIFICATIONS

Line Voltage	Power Factor	Line Current			Input Power	Open Circuit Voltage	Minimum Start Temperature	UL Temp. Code
		Operating	Open	Start				
120V	High	3.74mA	4.10mA	3.00mA	457W	308V	-30°C/-22°F	E
208V	High	2.23mA	2.47mA	2.84mA	457W	308V	-30°C/-22°F	E
240V	High	1.93mA	2.10mA	2.10mA	457W	308V	-30°C/-22°F	E
277V	High	1.64mA	1.84mA	1.37mA	457W	308V	-30°C/-22°F	E
277V	High	0.97mA	1.07mA	0.85mA	457W	308V	-30°C/-22°F	E

WIRING DIAGRAM



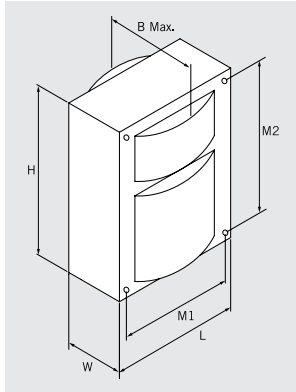


KT-LED130HID-V-EX39-850-S-PKIT

HID REPLACEMENT LED LAMP AND METAL HALIDE KIT

PHYSICAL SPECIFICATIONS

CASE STYLE



OVERALL DIMENSIONS			
LENGTH	WIDTH	HEIGHT	B MAX.
4.25"	2.15"	4.75"	4.20"

MOUNTING HOLES		
DIAMETER	M1	M2
0.25"	3.87"	4.37"

BRACKET DIMENSIONS		BALLAST NET WEIGHT	LEAD LENGTH
LENGTH	WIDTH	11.70 lbs	12-14"
7.25"	1.11"		

CAPACITOR SPECIFICATIONS

DIAMETER	1.77"
HEIGHT	3.15"
TYPE	Dry Film

CATALOG NUMBER BREAKDOWN

MH-400A-P-KIT				
Metal Halide	Wattage	CWA Circuit	5 Tap	Ballast Kit

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-LED130HID-V-EX39-850-S-PKIT-DP	Metal Halide Kit and HID LED Lamp	1	Quick Ship