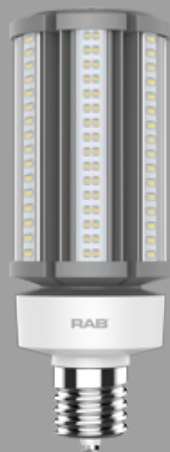


Project:

Type:

Prepared By:

Date:



UPC: 019813748962



Features and Benefits

Replacement for traditional Metal Halide or High Pressure Sodium HID Lamps

Active Cooling: Internal sensor overheats and engaged will automatically reduce output to 70% rated wattage until the sensor cools and will light up again to 100%

Integral Driver enables lamp to be wired directly to line voltage without need for an external driver or ballast

Rated for use in enclosed and open fixtures in dry or damp locations

4kV surge protection built in

50,000 hour Lifespan

Environmentally friendly, no mercury used

UL Listed, UL Classified

Non-Dimmable

5 Year No Compromise Warranty

Technical Specifications

Performance

Product Type:

HID Replacement

Input Wattage:

45W

Lumens (Nominal):

6800lm

Efficacy:

151 lm/W

Color Accuracy (CRI):

80 CRI

L70 Lifespan:

50,000 Hours

Dimmable:

No

Construction

Bulb Shape:

Post Top

Base Type:

EX39

Beam Angle:

360°

For Use Outdoors in Open Fixtures:

Yes

Other

Equivalency:

175W HID

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

LED Characteristics

Color Temperature:

5000K Daylight

Electrical

Power Factor:

0.9

Operating Temperature:

-30°C - 60°C

Input Voltage:

100-277V

Electrical

Operating Frequency:

50/60Hz

Installation

Installation Type:

Type B, Ballast Bypass

Installation Orientation:

Universal Installation

Electrical Characteristics

Flicker:

<30%

THD:

<20%

Compliance

UL Listed:

Yes

UL Classified:

Yes

CEC Status:

Lawful for sale in California

DLC Model Number:

HID-45-EX39-850-BYP-PT

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5 requirements.

DLC Product Code: P7N4VHX3

Length x Width x Height [in]	Lamp Quantity
8.0 x 8.0 x 11.0	1

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	12	15.6	11.8	11.4
PALLET	432	37.4	33.1	39

The diagram illustrates the conversion of a standard AC lamp circuit to a DC LED lamp circuit. The top part shows a standard AC lamp circuit with a ballast, capacitor, flip-flop, and a standard incandescent bulb. A large red arrow points down to the bottom part, which shows a simplified DC circuit with a capacitor, a diode bridge rectifier, and an LED lamp.

Technical drawing of the 1000 Series 1/2" (13mm) Female Threaded Adapter. The drawing shows a side view of the adapter with dimensions: 5 1/8" (130mm) for the main body height, 9 9/16" (243mm) for the total height including the threaded section, and 3 3/8" (85mm) for the diameter of the main body.