



Replace 50 - 400W MH lamps for post tops, low bays, and high bays, in enclosed or open fixtures. 50,000-hour lifespan. Use 76% less energy than MH.

Color: White

Weight: 3.6 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Watts 80W  
Color Temp 5000K (Daylight)  
Lumens 10,800  
Efficacy 135 LPW  
Color Accuracy 80 CRI  
L70 Accuracy 50,000

#### LED Info

Input Voltage 100-277V  
Power Factor 0.9  
Flicker <30%  
THDi <20%  
R9

## Technical Specifications

### Listings

#### UL Listed:

Yes

#### UL Classified:

Yes

#### Rohs:

Yes

#### CEC Status:

Lawful for sale in California

#### DLC Qualified:

Yes

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: PUGREJKT

### Description

#### Lamp Type:

HID

#### Bulb Type:

Post Top

#### Base Type:

EX39, Mogul Base

### Construction

#### Operating Temperature:

-20 - 40°C

#### Bare Lamp Illuminated Length (inches):

4.61"

#### MOL (inches):

11.46"

#### MOD (inches):

5.12"

#### Minimum Compartment Size (inches):

Length: 9.84"  
Width: 9.84"  
Height: 12.2"

### LED Characteristics

#### Lifespan:

50,000-hour LED lifespan based on IES LM-70 results

### Technical Specifications

#### Dimmable:

No

### Optical

#### Beam Angle:

360°

### Other

#### Warranty:

5-years

#### Accessories:

Surge protector available. Click [here](#) for surge protector accessory. Sold separately.

## Technical Specifications (continued)

### Other

#### Note:

If the lamp reaches a temperature in an application to 110°C, the lamp will automatically reduce itself to 70% of rated wattage.

If the ambient temperature continues to increase and reaches 120°C, the lamp will reduce itself to 50% of rated wattage.

If the lamp reaches an application of 120°C, the lamps will remain at that level until they are turned off at which time they will reset and come back on a full brightness.

### Shipping Information

#### Case Qty:

6

#### Case Dimensions:

20.67 x 14.17 x 13.98

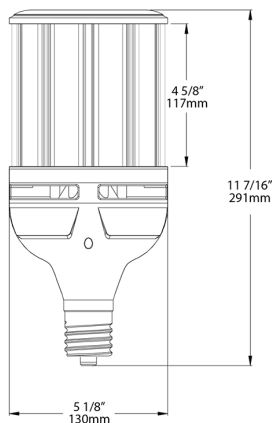
#### Pallet Quantity of Pieces:

72

#### Pallet Dimensions:

30.31 x 43.31 x 46.65

## Dimensions



## Features

- HID REPLACEMENT** - Replacement for conventional HID lamps
- BALLAST BYPASS** - Internal driver eliminates the need for external driver or ballast
- COMPACT DESIGN** - Allows the lamp to fit in most fixtures
- INSTALLATION ORIENTATION** - Lamps can be installed universally Base up, down or sideways
- HEAT DISSIPATION** - Thermal technology extends lifespan
- WATER & DUST RESISTANT** - Ideal for outdoor fixtures
- ENCLOSED FIXTURE RATED** - May be used in enclosed and open fixtures
- INSTANT ON** - No warmup time required, full brightness instantly
- SURGE PROTECTION** - Includes 4kV surge protection

## Ordering Matrix

Family	Lamp Power	Base Type	CRI/Color Temp	Installation Type	Lamp Type
HID	80	EX39	850	BYP	PT
	12 = 50W	E26 = E26	830 = 3000K	BYP = Bypass	PT = Post Top
	18 = 75W	EX39 = EX39	840 = 4000K		
	27 = 125W		850 = 5000K		
	36 = 150W				
	45 = 175W				
	54 = 200W				
	63 = 250W				
	80 = 320W				
	100 = 400W				