



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: 3.7 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

**Driver Info**

**LED Info**

Watts	100W	Input Voltage	100-277V
Color Temp	4000K (Cool White)	Power Factor	0.9
Lumens	13,500	Flicker	<30%
Efficacy	135 LPW	THDi	<20%
Color Accuracy	80 CRI	R9	
L70 Accuracy	50,000		

## 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: P73BCGO4

**Description**

**Lamp Type:**

HID

**Bulb Type:**

Post Top

**Base Type:**

EX39, Mogul Base

**Construction**

**Operating Temperature:**

-20 - 40°C

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

5.79"

**MOL (inches):**

12.64"

**MOD (inches):**

5.12"

**Minimum Compartment Size (inches):**

Length: 9.84"  
Width: 9.84"  
Height: 12.79"

**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:

19.8 x 14.41 x 14.21

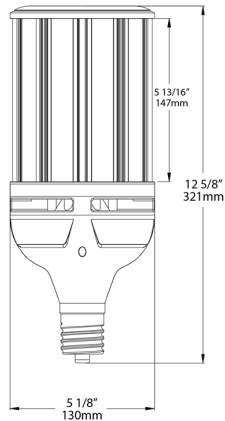
#### Pallet Quantity of Pieces:

72

#### Pallet Dimensions:

30.79 x 41.57 x 47.36

## 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	100	EX39	840	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				