

## LED High Bay Lamp HID REPLACEMENT



### Efficient Replacement for HID High Bay Lamps

Topaz LED High Bay lamps are an energy and cost-efficient solution for replacing HID lamps in a variety of commercial and industrial settings, from cold storage facilities to warehouses with high ambient temperatures. The integrated heat sink allows for heat dissipation and the internal thermal sensor reduces power in extreme temperatures to protect the lamp. Enhance energy savings with the optional plug-and-play motion sensor to lower power consumption.

### FEATURES

- Ballast bypass operation<sup>1</sup>, base up orientation
- Sleek design with integrated aluminum heat sink provides maximum heat dissipation
- Integrated 2' safety cable
- Internal thermal sensor reduces lamp power to 70% when operating in high temperatures
- Compatible with optional plug-in motion and standby dimming sensor

### SUGGESTED APPLICATIONS

- Commercial/Industrial
- Retail
- Warehouses
- Gymnasiums
- Manufacturing Facilities
- Cold Storage Facilities





Job Name/Title: \_\_\_\_\_ Catalog Number \_\_\_\_\_

Contractor: \_\_\_\_\_ Notes: \_\_\_\_\_

## LED High Bay Lamp HID REPLACEMENT

### GENERAL SPECIFICATIONS

**Input Voltage, Frequency:** 120-277V, 60Hz  
**Power Factor, THD %:** >0.9, <20%  
**Dimmable with optional motion sensor**  
**Efficacy:** Up to 150 LPW  
**Functional Life (L70):** 50,000 Hours  
**Minimum CRI:** 85  
**Location Rating:** Damp

**Suitable for enclosed fixtures with a minimum compartment size:**

16.6" x 16.6" x 9.8"

**Ambient Operating Temperature:**

Open fixture: -20°F to 140°F

Enclosed fixture: -20°F to 113°F

**Operating Position:** Vertical, base up

**Base:** EX39

**Beam Angle:** 150°

**Typical Mounting Height:**

80W: 15-20'

115W: 20-30'

**Includes 2' safety cable**

### ITEM SPECIFICATIONS / ORDER INFO

Catalog Number	Order Code	Lamp Lumens	Fixture Lumens	Wattage	Input Current @120/277V	CCT	DLC ID*
LHB80W-840-EX39	73490	11,600	9,414	80W	0.74/0.32A	4000K	PLKT9G25SAQK
LHB80W-850-EX39	73489	12,000	9,964	80W	0.74/0.32A	5000K	PL7WG25JUHXE
LHB115W-840-EX39	73492	16,675	13,539	115W	1.06/0.46A	4000K	PL6CIUASBZUM
LHB115W-850-EX39	73491	17,250	14,250	115W	1.06/0.46A	5000K	PLPU8L1K0BGN

### NOMENCLATURE

LHB = Lamp High Bay 80W = 80W - 8 = 80 CRI 40 = 4000K CCT - EX39 = Base  
 115W = 115W 50 = 5000K CCT

### OPTIONAL MOTION AND DIMMING SENSOR

Catalog Number	Order Code	Description
LHB-MMS	73493	Plug-and-Play Microwave Sensor

Hold Time Range	Standby Light Level
30 sec-10 min	0-60%

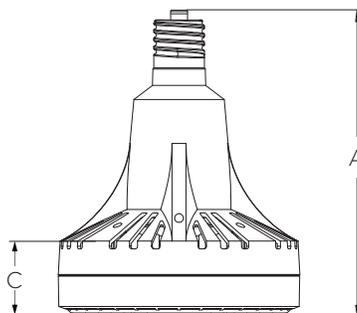


### ENERGY SAVINGS

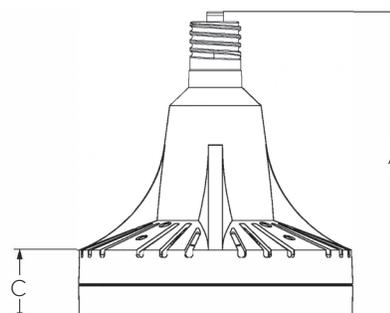
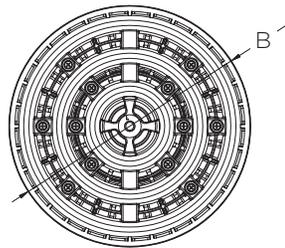
Catalog Number	LED Wattage	HID Replacement Wattage	Watts Saved	Yearly Savings	5 Year Savings
<b>Based on 12 hours/day and \$0.11/kWh</b>					
LHB80W-8xx-EX39	80W	250W	170W	\$82	\$410
LHB115W-8xx-EX39	115W	400W	285W	\$137	\$687

### DIMENSIONS / WEIGHTS

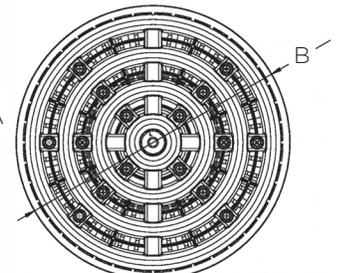
Catalog Number	(A)	(B)	(C)	Weight
LHB80W-8xx-EX39	9.25"	7.48"	2.17"	3.3 Lbs.
LHB115W-8xx-EX39	9.57"	8.46"	2.17"	3.7 Lbs.



80W



115W



#### NOTES:

\*When installing Topaz LED post top lamps in an HID fixture, ballast must be bypassed when present.

\*DLC Primary Use Designation: Replacement Lamps for High-Bay Luminaires (Type B)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Specifications subject to change without prior notice. Replacement wattage shown depends on application and fixture.

**WARNING:** Some products included in this specification sheet may be subject to the warning requirements of California's Proposition 65. Please refer to your product packaging for more information.

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