



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 operation¹, 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



**BUILT FOR DURABILITY.
BUILT FOR RELIABILITY.
BUILT FOR WORK.™**

Halco Lighting Technologies 2940 Pacific Drive | Norcross, GA 30071 | Toll Free 800.677.3334 | Phone 770.242.3612
Fax 800.880.0822 | halcolighting.com | Atlanta | Cleveland | Houston | Phoenix | New Jersey © 2026 Halco Lighting Technologies, LLC. All rights reserved. Halco and ProLED are registered trademarks of Halco Lighting Technologies. All sizes and specifications are subject to change without notice.

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

LED High Bay Lamp HID REPLACEMENT

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	PL6C1UASBZUM
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%

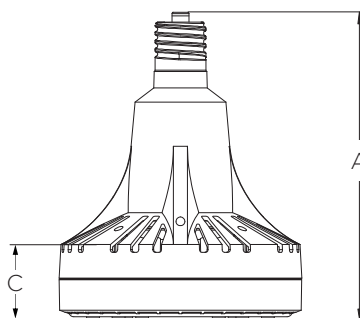


ENERGY SAVINGS

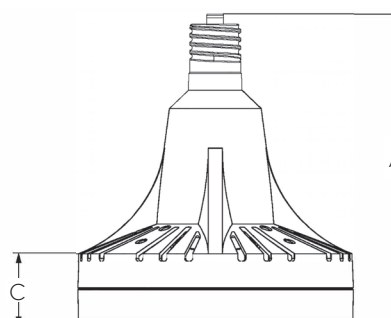
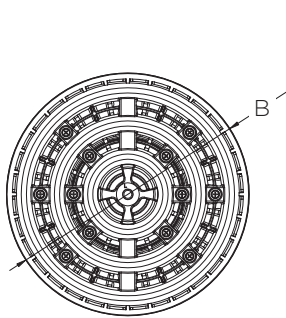
Catalog Number	LED Wattage	HID Replacement Wattage	Watts Saved	Yearly Savings	5 Year Savings
Based on 12 hours/day and \$0.11/kWh					
LHB80W-8xx-EX39	80W	250W	170W	\$82	\$410
LHB115W-8xx-EX39	115W	400W	285W	\$137	\$687

DIMENSIONS / WEIGHTS

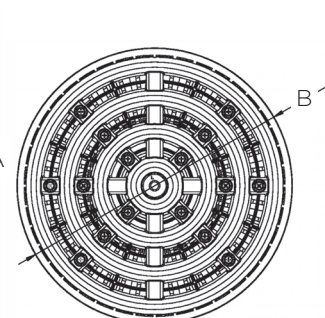
Catalog Number	(A)	(B)	(C)	Weight
LHB80W-8xx-EX39	9.25"	7.48"	2.17"	3.3 Lbs.
LHB115W-8xx-EX39	9.57"	8.46"	2.17"	3.7 Lbs.



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.

**BUILT FOR DURABILITY.
 BUILT FOR RELIABILITY.
 BUILT FOR WORK.™**

Halco Lighting Technologies 2940 Pacific Drive | Norcross, GA 30071 | Toll Free 800.677.3334 | Phone 770.242.3612
 Fax 800.880.0822 | halcolighting.com | Atlanta | Cleveland | Houston | Phoenix | New Jersey © 2026 Halco Lighting Technologies, LLC. All rights reserved. Halco and ProLED are registered trademarks of Halco Lighting Technologies. All sizes and specifications are subject to change without notice.