

**HBR4 Series**

LED Retrofit High Bay Bulb Specifications

Project Name \_\_\_\_\_

Date \_\_\_\_\_

Type \_\_\_\_\_



**Available Models<sup>1</sup>**

- HBR4-50K100S-LEX39
- HBR4-50K140S-LEX39
- HBR4-50K160S-LEX39

**Optional Accessories**

- HBR3-MS (microwave motion sensor)
- HBR3-RM (remote control for microwave motion sensor)

**Part Number Breakdown**

Example: HBR4-50K160S-LEX39

Family	Color Temperature	Wattage	Control Option	LED Manufacturer	Base Type
HBR4	50K [5000K]	100 [100 W] 140 [140 W] or 160 [160 W]	S [none]	L [Lumileds]	EX39 [EX39 base]

**Description**

HBR4 high bay retrofit bulbs are designed to upgrade existing high bay fixtures in gymnasiums, warehouses, and other commercial and industrial facilities. Ballast bypass is required, preventing the possibility of future failures due to ballast issues. Pair with an optional motion sensor to easily control and customize operational settings.

**Mechanical/Construction**

- IP64 rated, suitable for damp locations
- White aluminum housing
- EX39 base fit E39 and EX39 sockets

**Electrical**

- 120-277 VAC input
- 6 kV integrated surge protection

**Photometrics**

- 100° beam angle
- 150 lm/W

**Warranty**

Five (5) Year Warranty

**Certifications and Compliances**

UL Listed and UL Classified for damp or dry locations. DLC listed as 5.1 Standard.



**Product Page QR Code**



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<sup>1</sup>Contact customer service if interested in options other than those listed.

# HBR4 Series

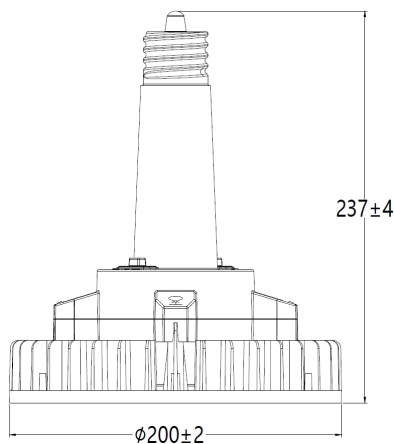
LED Retrofit High Bay Bulb Specifications

## Specifications

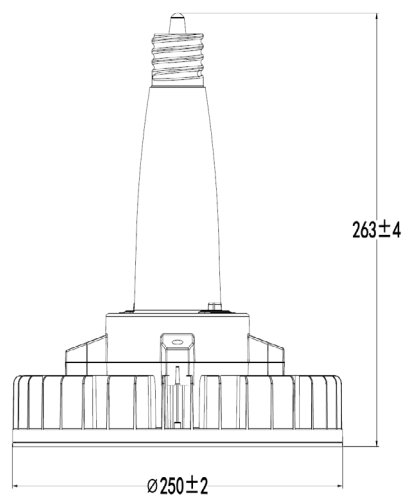
Model		HBR4-50K100S-LEX39	HBR4-50K140S-LEX39	HBR4-50K160S-LEX39
Intensity <sup>2</sup>		15,000 lm	21,000 lm	24,000 lm
Operating Voltage		120-277 VAC		
Ballast Bypass		yes		
Power Consumption		100 W	140 W	160 W
Current Draw	120 VAC	830 mA	1.2 A	1.3 A
	277 VAC	360 mA	510 mA	580 mA
Efficacy <sup>2</sup>		150 lm/W		
Color Temperature		5000K		
Beam Angle		100°		
CRI		80+		
Power Factor		≥0.9		
Dimming Type		0-10V		
IP Rating		IP64		
Ambient Operating Temperature		-40°-122° F (-40°-50° C)		
Rated Life (L70)		50,000 hours		

## Dimensional Drawing

HBR4-50K100S-LEX39



HBR4-50K140S-LEX39 /  
HBR4-50K160S-LEX39



<sup>2</sup>Measured intensity will vary depending on the type of fixture used in conjunction with the bulb.

