

The LEDHBR-PRM Series



High-efficacy,
14,000 - 34,000 Lumens
LED High Bays

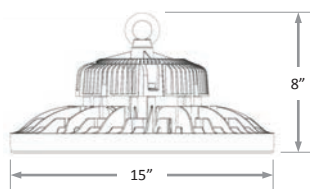
L70

25°C

141,000 Hours



Shown with
optional
occupancy
sensor



Weight: 10.1 – 11.9 lbs.

NOTES:

FIXTURE TYPE:

PROJECT:

PRODUCT DESCRIPTION

The LEDHBRN is a premium round LED high bay luminaire. It is designed to illuminate a wide variety of settings including commercial, industrial and retail settings such as warehouses, manufacturing plants, sporting venues and big-box retailers. With a die cast aluminum housing and clear glass lens, the LEDHBRN provides durability and high performance. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, HID high bays.

WARRANTY & LISTINGS

- cULus listed for wet locations in ambient temperatures from:
-14,000 & 21,000 lumen models: -20°C to 55°C (-4°F to 131°F).
-27,000 & 32,000 lumen models: -20°C to 50°C (-4°F to 122°F).
- DLC premium approved.
- IP65 rated for ingress protection.
- Flicker-free per IEEE1789-2015 (no observable adverse effects of flicker at 100% light output level).
- Complies with FCC Part 15, class B.
- Complies with EN61000-4-5, surge immunity protection (4-10kV).
- 5-year warranty of all electronics and housing.

MOUNTING OPTIONS

- Suspension from pre-installed mounting hook (cast iron M10 eyebolt) with locking set screw is standard.
- Ceiling-mounted installation (using optional yoke mounting bracket, LEDHBRN-YOKE-PRM) provides up to 100 of adjustability.
- Two ways to mount luminaire to electrical conduit:
-Attach conduit (½" NPS) to optional yoke mounting bracket (LEDHBRN-YOKE-PRM).
-Optional snap hook (LEDHBRN-PSH-PRM) attaches to electrical conduit (¾" NPS).

FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.*
- For models with 120-277V AC input voltage, long-life LEDs provide 141,000 hours of operation with at least 70% of initial lumen output (L70). Models with 347-480V AC input voltage feature L70 performance of at least 205,000 hours.**
- Provides a range of 13,812 to 34,704 lumens.*
- Universal 120-277 & 347-480V AC voltage (50-60Hz) are standard
- 0-10vdc dimming drivers are standard.
- Watertight, compression-type electrical connectors.
- Mounting options include suspension from pre-installed mounting hook, yoke mounting, and attachment to electrical conduit.
- Optional, IP65 Merrytek occupancy/daylight sensor and junction box assembly provides a fully-wired luminaire & control package. To order, add the suffix "OS" to your luminaire catalog number (see example below).
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing, painted black.
- Easy installation in new construction or retrofit.

*Contact factory for other color temperatures and lumen packages.

**L70hours are IES TM-21-11 calculated hours.

ORDERING INFORMATION

EXAMPLE: LEDHBR-14-4K-PRM-BLK-UNV-OS + LEDHBRN-PSH-PRM

Model	Luminaire Watts	Luminaire Lumens	Lumens Per Watt	Color Temperature	Housing Color	Input Voltage	Sensor (Optional)	Accessories (Order Separately)
LEDHBR-14	100	13,961 13,950	140 140	4K-PRM = 4000k 5K-PRM = 5000k	BLK = Black	UNV = 120-277V	OS = Occupancy & Daylight Sensor (Factory-Installed)	LEDHBRN-PSH-PRM-V2 = Pendant snap hook LEDHBRN-YOKE-PRM = Yoke mount bracket LEDHBRN-ALMREFL60-PRM = Reflector, 60°, Aluminum LEDHBRN-ALMREFL90WIDE-PRM = Reflector, 90°, Aluminum LEDHBRN-ACLREFL60-PRM = Reflector, 60°, Acrylic LEDHBRN-ACLREFL90-PRM = Reflector, 90°, Acrylic MWAVEDHS-REM = Merrytek remote control (use with occupancy & daylight sensor)
LEDHBR-21	150	20,799 20,624	139 137	4K-PRM = 4000k 5K-PRM = 5000k				
LEDHBR-27	200	27,415 27,169	137 136	4K-PRM = 4000k 5K-PRM = 5000k				
LEDHBR-32	239	32,727 32,250	137 135	4K-PRM = 4000k 5K-PRM = 5000k				
LEDHBRN-14	102	13,812 13,892	135 136	4K-PRM = 4000k 5K-PRM = 5000k		UNC = 347-480V	Note: Occupancy sensors are not available on 347-480V models	
LEDHBRN-21	151	21,127 21,357	140 141	4K-PRM = 4000k 5K-PRM = 5000k				
LEDHBRN-27	200	27,846 28,143	139 141	4K-PRM = 4000k 5K-PRM = 5000k				
LEDHBRN-32	243	34,107 34,704	140 143	4K-PRM = 4000k 5K-PRM = 5000k				