

LEDHBRSN 240W Round LED High Bay



Project:	
Type:	
Catalog #:	



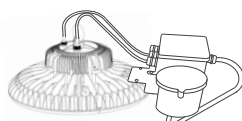
STANDARD



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

FEATURES

- Available in 4000k (neutral white).
- Long-life LEDs provide 81,000 hours of operation with at least 70% of initial lumen output (L_{70}).
- LEDHBR240W provides 29,412 lumens (124 LPW) at 4000K.
- Universal 120-277 AC voltage (50-60Hz) is standard. Step-down transformers are required for 347-480V applications.
- 0-10vdc dimming drivers are standard.
- Watertight, compression-type electrical connectors prevent moisture intrusion.
- Standard mounting bracket and optional mounting accessories provide ceiling and conduit mounting, and up to 100° of adjustability.
- Optional wet-location junction box & bracket (LEDHBRSN-JBOX) attaches to luminaire housing, and simplifies wiring connections in wet locations.
- Optional Merrytek occupancy sensor (IP65 rated) and junction box assembly provides a factory-ready, fully-wired luminaire & control package.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Painted die cast aluminum housing.
- Easy installation in new construction or retrofit.



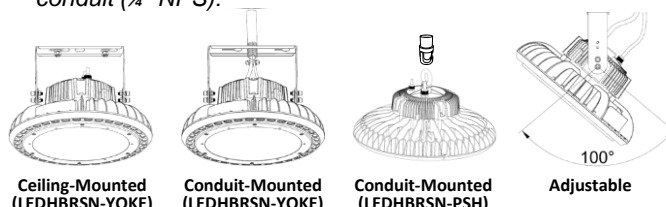
LEDHBRSN With Waterproof Junction Box, Mounting Bracket & Merrytek Sensor

WARRANTY & LISTINGS

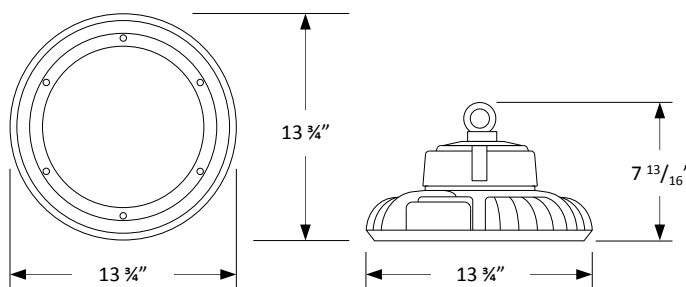
- cULus listed for wet locations in ambient temperatures from -20°C to 50°C (-4°F to 122°F).
- IP65 rated for ingress protection.
- DLC standard approved.
- IK 7 rated for protection from external impacts.
- Complies with FCC Part 15, class B.
- Complies with EN61000-4-5, surge immunity protection (4kV).
- 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, LEDHBRSN-YOKE) provides up to 100° of adjustability.
- Two ways to mount luminaire to electrical conduit:
 - Attach conduit (½" NPS) to optional yoke mounting bracket (LEDHBRSN-YOKE).
 - Optional snap hook (LEDHBRSN-PSH) attaches to electrical conduit (¾" NPS).



DIMENSIONS



Weight: 12.1 lbs.

* Contact factory for other color temperatures and lumen packages.
 ** L_{70} hours are IES TM-21-11 calculated hours.

ORDERING INFORMATION

Example: LEDHBRSN240-4K + LEDHBRSN-PSH + LEDHBRSN-OSJBOX

Model	Luminaire Watts	Luminaire Lumens	Lumens Per Watt	Color Temperature	Options (Order Separately)*
LEDHBRSN240	238	29,412	124	4K = 4000k	LEDHBRSN-PSH = Snap hook LEDHBRSN-YOKE = Yoke mount bracket LEDHBRSN-JBOX = Junction box & mounting bracket LEDHBRSN-OSJBOX = Merrytek IP65-Rated, microwave occupancy sensor, junction box & mounting bracket

* Luminaire must be yoke mounted if installing the JBOX or OSJBOX.

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ELECTRICAL DATA

Model	Color Temp.	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens/Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LEDHBRSN240-4K	4000k	>80	29,412	238	124	120-277	1.98	0.99	0.86	>90%	<20%	81,000

¹ Color rendering index.

² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.