

# LEDFBHB90 90 Watt Full-Body LED High Bay

Project:	
Type:	
Catalog #:	

## STANDARD

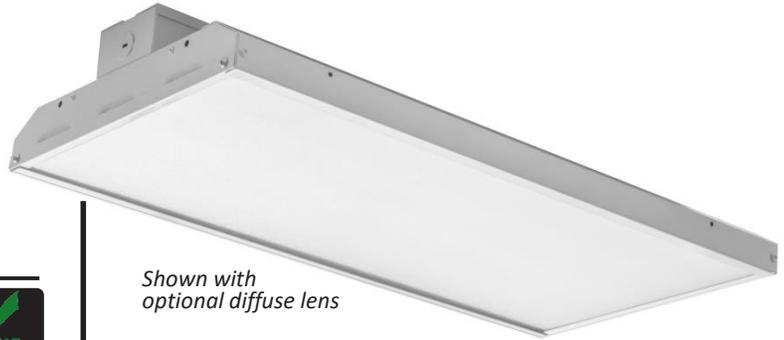


The LEDFBHB90 is a full-body, premium-performance LED high bay luminaire. It is designed to illuminate a wide variety of settings, including commercial, industrial & retail settings such as warehouses, manufacturing plants, sporting venues and big-box retailers. With a painted, steel housing, the LEDFBHB90 provides high levels of durability and 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) and 5000k (cool white) color temperatures.\*
- Long-life LEDs provide 122,000 hours of operation with at least 70% of initial lumen output (L<sub>70</sub>).\*\*
- Delivers 12,420 lumens (138 lumens per watt, LPW) at 4000k, and 12,600 lumens (140 LPW) at 5000k.\*
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Step-down transformers are required for 347-480V applications. Use optional transformer cover box for enclosed wire connections (see page two for details).
- 0-10vdc dimming drivers are standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Painted steel housing.
- Easy installation in new construction or retrofit.
- Chain-mount kits (includes v-hooks and 1/8" thick, 1-meter long chain) are standard.
- Options include lenses (clear & diffused), wire-guard kits surface-mounting kits, pendant-mounting kits, and cable-mounting kits.

\* Contact factory for other color temperatures and lumen packages.  
 \*\* L<sub>70</sub> hours are IES TM-21-11 calculated hours.



Shown with optional diffused lens

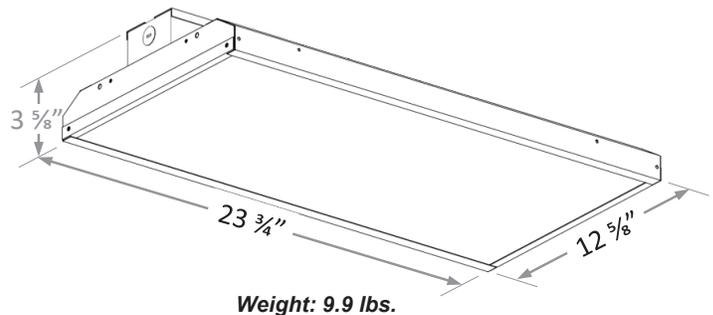
## WARRANTY & LISTINGS

- cULus listed for damp locations in ambient temperatures from -20°C to 50°C (-4°F to 122°F).
- DLC premium approved.
- Complies with RoHS (Restriction on Hazardous Substances) requirements
- Complies with FCC Part 15, class A.
- Complies with IEEE C.62.41-1991, input transient protection (2.5kV).
- 5-year warranty of all electronics and housing.

## MOUNTING OPTIONS

- Chain mounting with V-hooks is standard.
- Optional surface mounting kit provides attachment to flat ceilings.
- Optional pendant mounting kit provides pendant attachment to 1/2" rigid conduit.
- Optional cable mounting kits provide suspension at two lengths (i.e., 3 & 5 meters).

## DIMENSIONS



## ORDERING INFORMATION

Example: LEDFBHB90-4K-MVDIM + LEDFBHB90/95-CRLENS + LEDFBHB90/95-WG + LEDFBHB-SMK4  
 (90 watt high bay, 4000k, 0-10vdc dimming, + clear lens + wire guard + surface-mount kit)

Model	Luminaire Watts	Luminaire Lumens	Lumens Per Watt	Color Temperature	Options (Order Separately)
LEDFBHB90-4K-MVDIM	90	12,420	138	4K = 4000k	LEDFBHB90/95-CRLENS = Clear lens
LEDFBHB90-5K-MVDIM	90	12,600	140	5K = 5000k	LEDFBHB90/95-DIFLENS = Diffuse lens
					LEDFBHB90/95-WG = Wire-guard kit
					LEDFBHB-SMK4 = Surface-mount kit, 4 LED modules
					LEDFBHB-PMK = Pendant-mount kit
					LEDFBHB-CMK3 = Cable-mounting kit, 3 meters long
					LEDFBHB-CMK5 = Cable-mounting kit, 5 meters long
					KTAT-250-480-277/A = 347/480V to 277V transformer, 250W
					KTAT-375-480-277/A = 347/480V to 277V transformer, 375W
					BLPSDTX-COVER = Transformer cover box

Specifications Subject To Change Without Notice