

# 100 Watt LED I-Beam High Bay



The IHB100 is an LED I-beam high bay luminaire designed to illuminate commercial, industrial & retail settings such as warehouses, manufacturing plants, sporting venues and big-box retailers. With a painted, steel housing, the IHB100 provides durability and high performance. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, HID high bays.

## WARRANTY/LISTING

- CETLUS listed to applicable U.L. standards. Listed for damp locations. Suitable for 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

- Suspension from chains ( $1/8$ " chain material, 38" long) is standard. V-hangers, which attach the chain to the luminaire, are included.
- Luminaire can be surface-mounted using pre-drilled mounting holes in the housing.
- Pendant-mounting requires optional kit LHBPMK (order separately).
- Cable-mounting requires optional kit LHB-CMK3 or -CMK5.

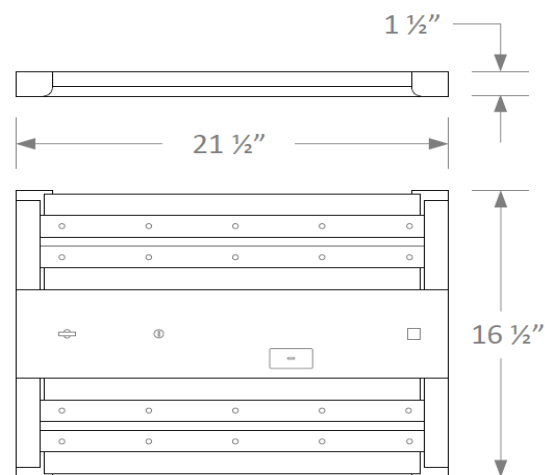
## FEATURES

- 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 (L70).\*\*
- Delivers 13,910 lumens from 100 watts input (139 lumens per watt) at both 4000k & 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.
- Options include pendant-mounting kits, surface-mounting kits, diffused lenses, and steel wire-guard kits.
- Easy installation in new construction or retrofit.

\* Contact factory for other color temperatures and lumen packages.

\*\* L<sub>70</sub> hours are IES TM-21-11 calculated hours.

## DIMENSIONS



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## ORDERING INFORMATION

Model	Color Temperature	Options (Ordered Separately)	
IHB100	4K = 4000K 5K = 5000K	IHBPMK IHB100/150W IHB200W IHB100/150-WG IHB200-WG HB-CMK3 HB-CMK5	Pendant-mounting kit Diffused Lens Assembly Diffused Lens Assembly Wire Guard Wire Guard Cable Mounting Kit 3 Meters Cable Mounting Kit 5 Meters

## SPECIFICATIONS

Model	Color Temp	CRI <sup>1</sup>	Luminaire Lumens	Watts	Lumens Per Watt	Input Voltage <sup>2</sup>	Input Current (A)			Power Factor	THD <sup>3</sup>	L <sub>70</sub> Hours <sup>4</sup>
IHB100	4000K 5000K	> 80 > 80	13910 13910	100 100	139 139	120-277 120-277	120V	240V	277V	> 90%	< 20%	122000
							0.83	0.42	0.36	> 90%	< 20%	122000
							0.83	0.42	0.36			

<sup>1</sup> Color rendering index.

<sup>2</sup> All 50-60Hz.

<sup>3</sup> Total harmonic distortion.

<sup>4</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

