

HBPB100

100W LED Highbay Fixture

Catalog #

Note

Type

Product Description

The HBPB100 LED highbay fixture is designed for commercial, manufacturing and warehousing applications of mounting heights from 15 to 40 ft. The HBPB100 LED highbay delivers over 10,000 lumens at 5000K, accepts 100-277VAC (347VAC/480VAC optional), consumes only 100 watts and produces equivalent luminous intensity as 250W metal halide highbay fixture.

The fixture combines CREE LED modules and Mean Well LED driver and is constructed from rugged die-cast housing and heavy duty mounting bracket.

Performance Summary

Input Voltage: 120-277VAC (347VAC/480VAC optional)

Input Power: 100W (250W Metal Halide Fixture Equivalent)

Efficacy: 100 LPW

PF: 0.95

THD: 15%

Lumen Output: 10,000 Lumens

CCT: 5000K (3500K/4000K optional)

CRI: 75

L70 Life: 50,000 Hours

Warranty: 5 Years



Ordering Information

Example: HBPB100HU50K100L

MODEL	WATTAGE	VOLTAGE	COLOR TEMP	LUMEN OUTPUT
HBPB LED Highbay	100 100W	HU 100-277VAC	50K 5000K	100L 10,000lm

Notes:

Lead times will vary depending on options selected. Consult with your sales representative.

Specifications tolerance: $\pm 5\%$.

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Features & Specifications

CONSTRUCTION & MATERIALS

- Heavy duty aluminum heat sink finning for thermal control capabilities
- Built-in fans to enhance the heat dissipation
- Proprietary binned CREE LED modules for uniform color
- High quality PMMA lens
- Mean Well LED driver built in power supply compartment

MOUNTING AND WIRING

- Heavy duty mounting bracket
- Bare cables and twist locking plug available

ENVIRONMENTAL SYSTEM

- Indoor application, damp location rated

OPTICAL SYSTEM

- High performance CREE LED modules
- Color temperature 5000K (3500K/4000K optional)
- 50,000 hours life

ELECTRICAL SYSTEM

- Integral high performance Mean Well LED driver
- Universal input voltage 120-277VAC, 50/60Hz, 347VAC/480VAC optional

PHYSICAL SPECIFICATION	
Dimension	L40 X W40 X H12 cm
ENVIRONMENTAL SPECIFICATION	
Temp Range	-30-70 °C operating
Humidity Range	20% - 95% RH
OPTICAL SPECIFICATION	
Lumen Output	10,000 lm
Efficacy	100 lm/W
CCT	5000K (3500K/4000K optional)
CRI	75
ELECTRICAL SPECIFICATION	
Input Voltage	100-277 VAC, 47-63 Hz
Input Power	100 W
Power Factor	0.95
Total Harmonic Distortion	15%
LONGEVITY AND WARRANTY	
L70 Life	50,000 hrs
Warranty	5 years
LISTING AND CERTIFICATES	
Design Lights Consortium (DLC)	
Lighting Facts	
UL and cUL	
CE and RoHS	