

L70
25°C

100,000 Hours



PRODUCT DESCRIPTION

This MHB05 high bay is the ideal light source for energy-efficient, low maintenance illumination in large spaces. Designed with durability and functionality in mind, the LED Round High Bay lighting options are versatile and suited to satisfy most all long-term lighting needs.

The MHB05 delivers ultra-high luminous flux for use in large indoor environments with a clearance of more than 30 feet. Its high luminous efficiency features cost savings for customers and is favored by customers compared with similar products. The MHB05 is ideal for industrial and manufacturing applications, and is your LED replacement for up to 1000W MH fixtures.

SPECIFICATIONS

Construction

- Durable, die-cast aluminum housing with heat dissipating fins.
- Dark bronze polyester powder-coat finish.
- Easy access to the driver compartment from the face.

Optics

- Efficiency higher than 171lm/W, designed to replace 750W and 1000W MH while consumes 350W and 410W.
- Light engines are available in standard 4000K, 5000K configurations.
- 120 degree lens guarantees light intensity and light uniformity.

Electrical

- Universal 120-277 VAC or 347-480 VAC input voltage.
- 0-10V dimming standard for a dimming range of 100% to 10%.
- Operating temperature is -40°C (-40°F) to 55°C (131°F) when Wattage is above 300W (Max. 65°C (149°F) for 300W and below).

Mounting

- 3/4" Conduit pendant, Hook mounting.

Controls

- Optional PIR Sensor or Bluetooth Smart Control Sensor available for further energy-saving.
- Wattage Adjustment Dial allows more flexibility to suit for higher ambient or various light output requirement.

Lifespan

- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

- 10-year limited warranty.

Certifications

- UL cUL wet location listed.

Note

- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C) specifications subject to change without notice.

ORDERING INFORMATION

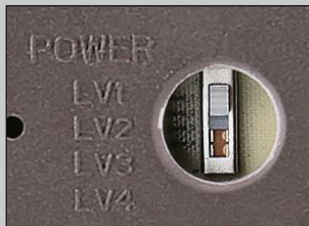
EXAMPLE: MHB05-350W-27V-50K-D



Model	Wattage	Voltage	CCT	Finish	Sensor (Option)	Adjustment Dial (Option)	Internal Code
MHB05 = High Bay	350 = 350W 410 = 410W	27V = 120-277V 48V = 347-480V	40K = 4000K 50K = 5000K	D = Dark Bronze	M = With Sensor Blank = Without Sensor	AD = With Adjustment Dial Blank = Without Adjustment Dial	Blank = Alphanumeric

WATTAGE SELECTABLE

This fixture has the function of adjusting the lumens output on-site.

**WATTAGE SELECT**

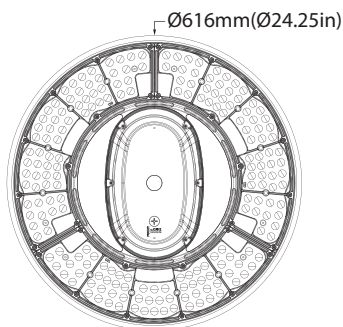
Each model supports 4 positions
wattage regulation : LV1, LV2, LV3, LV4

**Plug-and-Play Sensor (optional)**

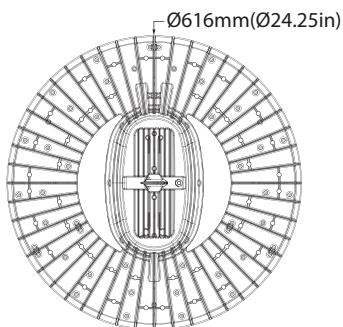
Sensor allows for security and energy saving.

DIMENSIONS

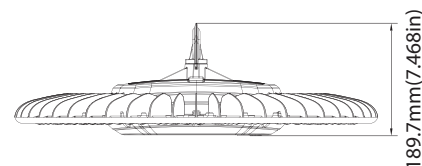
unit: mm/inch



Ø616mm(Ø24.25in)



Ø616mm(Ø24.25in)



189.7mm(7.468in)

ACCESSORIES (OPTIONAL)**Plug-and-Play PIR Sensor**

PIR sensor: ANT-6-4T

Bluetooth PIR sensor:

ANT-6-4T-BLE-SR

**Plug-and-Play Microwave Sensor**

Microwave sensor: ANT-5-4T

Bluetooth microwave sensor:

ANT-5-4T-BLE-SR

MOUNTING

Hook Mount



Conduit Pendant Mount

PERFORMANCE DATA

SETTING	CRI	350W			TEMPERATURE
		SYSTEM WATTS	LUMENS	LPW	
100%	70	350W	60000lm	171lm/W	55°C
80%	70	280W	49000lm	175lm/W	65°C
60%	70	210W	38000lm	181lm/W	65°C
40%	70	140W	26000lm	186lm/W	65°C

SETTING	CRI	410W			TEMPERATURE
		SYSTEM WATTS	LUMENS	LPW	
100%	70	410W	70000lm	171lm/W	55°C
80%	70	328W	57000lm	174lm/W	55°C
60%	70	246W	44000lm	179lm/W	65°C
40%	70	164W	30000lm	183lm/W	65°C