

LED HIGH BAY

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.

SPECIFICATION

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.

Warranty

- 5-year limited warranty.



Controls

- Optional PIR Sensor or Bluetooth Smart Control Sensor available for further energy-saving.
- The standard sensor receptacle can quickly install sensors on site.
- 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.

Certifications

- UL cUL wet location listed.
- DesignLights Consortium™ Qualified.

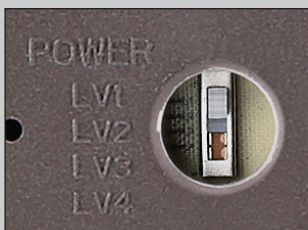
Note: Please refer to the DLC website for specific product qualifications at www.designlights.org.

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.

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.

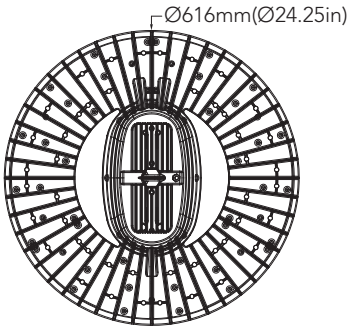
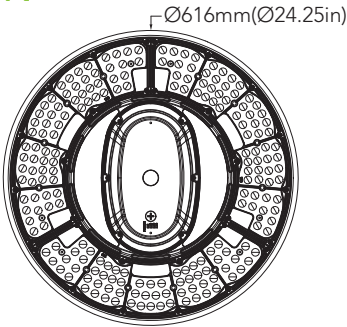
PERFORMANCE DATA

SETTING	CRI	350W			TEMPERATURE
		SYSTEM WATTS	LUMENS	LPW	
100%	70	350W	62000lm	177lm/W	55°C
80%	70	280W	51000lm	182lm/W	65°C
60%	70	210W	39000lm	186lm/W	65°C
40%	70	140W	26600lm	190lm/W	65°C

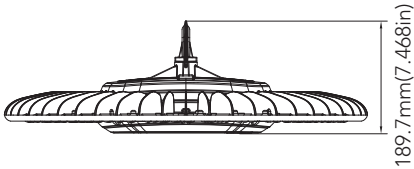
SETTING	CRI	410W			TEMPERATURE
		SYSTEM WATTS	LUMENS	LPW	
100%	70	410W	72000lm	176lm/W	55°C
80%	70	328W	59000lm	180lm/W	55°C
60%	70	246W	45500lm	185lm/W	65°C
40%	70	164W	31000lm	189lm/W	65°C

DIMENSION



unit: mm/inch



Weight:
350W: 7.858kg(17.324lbs)
410W: 8.833kg(19.473lbs)



ACCESSORIES (Optional)

	
Plug-and-Play PIR Sensor PIR sensor: MSANT12VPH01 Bluetooth PIR sensor: MSANT12VPHB01	Plug-and-Play Microwave Sensor Microwave sensor: MSANT12VMH01 Bluetooth microwave sensor: MSANT12VMHB01

Note: Main Stocking SKU: MSANT12VPH01.

MOUNTING

	Hook Mount
	Conduit Pendant Mount

ORDERING GUIDE

Example: MHB05350W27V50KYYYY

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