

Project:	
Type:	
Catalog #:	



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 MGO-2-SL 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 MGO2-SL is ideal for industrial and manufacturing applications, and is your LED replacement for up to 1000W MH fixtures.



UP TO 72,000 LUMENS

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, and TM.
- 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 21 calculations.

Certifications

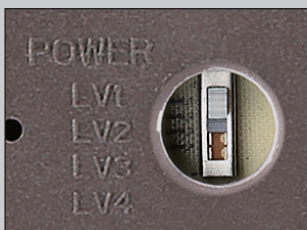
- UL cUL wet location listed.
 - DesignLights Consortium™ Qualified.
- Note: Please refer to the DLC website for specific product qualifications at www.designlights.org.

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

● LV4
 ● LV3
 ● LV2
 ● LV1

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



Plug-and-Play Sensor (optional)

Sensor allows for security and energy saving.

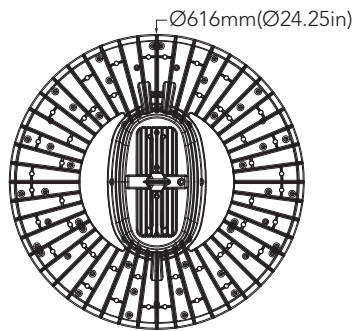
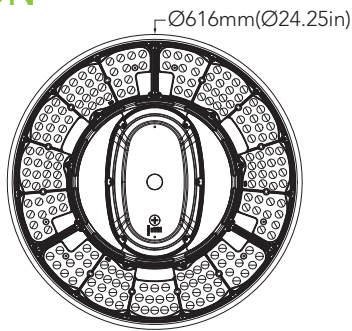
PERFORMANCE DATA

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

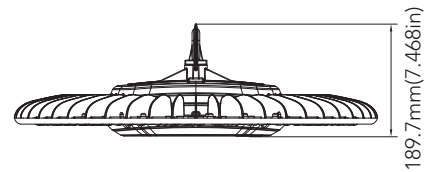
unit: mm/inch





Weight:

350W: 7.858kg(17.324lbs)

410W: 8.833kg(19.473lbs)



ACCESSORIES (Optional)

	
Plug-and-Play PIR Sensor PIR sensor: PIR-101 Bluetooth PIR sensor: BT-101	Plug-and-Play Microwave Sensor Microwave sensor: MS-101 Bluetooth microwave sensor: BTM-101

MOUNTING

	Hook Mount
	Conduit Pendant Mount

Note: Main Stocking SKU: MSANT12VPH01.
Contact Factory for all control options.

ORDERING GUIDE

Fixture Type	Wattage	Voltage	CCT	Finish	Sensor (Option)	Adjustment Dial (Option)	Surge Protector (Option)	Internal Code
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MGO2-SL High Bay	31 = 350W 41 = 410W	27V 120-277V 48V 347-480V	40K 4000K 50K 5000K	D Dark Bronze B Black W White	Blank Without Sensor PIR PIR Sensor MS Microwave Sensor	AD With Adjustment Dial Blank Without Adjustment Dial	S Surge Protector Blank Without Surge Protector	Blank Alphanumeric

OPTIONS

MGO2-SL-RC-PIR Remote Control PIR Sensor
MGO2-SL-RC-MS Remote Control Microwave Sensor