



ILLUMINATING US
lighting

LED HIGH BAY

TYPE: _____

Bluetooth



IMHB06 is a black economical alternative to IMHB02 with light efficiency up to 140 lm/ W. The IMHB06 is suitable for using in low level of lighting spaces as an economic choice for customers. The milky white light shield provides low-glare, visually comfortable illumination.

SPECIFICATION FEATURES

Construction

- Durable, die-cast aluminum housing with heat dissipating fins.
- Black polyester powder-coat finish.
- With corrosion-resistant powder coating that provides protection and architectural appearance while adapting well to the environment.

Optics

- Scalable Lumen Packages from 9,100 to 30,000 Lumens.
- The frosted diffuser will generate visual comfortable lighting.

Electrical

- Universal 120-277VAC or 347-480VAC input voltage.
- 0-10V dimming standard for a dimming range of 100% to 10%.
- PF >90%, THD <20%, 6KV surge protection.
- Operating Temperature Range: -40°C to 50°C (-40°F - + 122°F).

Note: Operating with emergency battery temperature range:
5°C to 50°C (+41°F - + 122°F).

Mounting

- Conduit pendant, hook or surface mounting.

Lifespan

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

- Five-year limited warranty.

Emergency battery box

Emergency battery pack would provide the necessary brightness in emergency situations.

Housing

Die-cast aluminum housing with heat dissipating fins. Sealed design with silicone strip for use in wet locations.

Photometry

High Bay Photometry formed from high efficiency LEDs and scattering diffuser.



67W&97W



140W



180W&215W

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.

Installation accessory

Available for both hook mounting and surface mounting with bracket(optional). Bracket allows to adjust the direction to illuminate any area you need.



Build-in sensor(optional)

Microwave sensor or PIR sensor allows for security and energy saving.

PERFORMANCE DATA

SYSTEM WATTS	PHOTOMETRY	VOLTAGE	LUMENS 4000K(80CRI)	LPW 4000K(80CRI)	LUMENS 5000K(80CRI)	LPW 5000K(80CRI)
67W	HighBay	120-277VAC	9100lm	136lm/W	9100lm	136lm/W
97W	HighBay	120-277VAC	12300lm	127lm/W	12300lm	127lm/W
140W	HighBay	120-277VAC/347-480V	17500lm	125lm/W	17500lm	125lm/W
180W	HighBay	120-277VAC	25000lm	139lm/W	25000lm	139lm/W
215W	HighBay	120-277VAC	30000lm	140lm/W	30000lm	140lm/W

ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUTVOLTAGE (V)	CURRENT (Amps)
1	1110	67	120	0.56
		67	208	0.32
		67	240	0.28
		67	277	0.24
1	850	97	120	0.81
		97	208	0.47
		97	240	0.40
		97	277	0.35
2	3300	140	120	1.17
		140	208	0.67
		140	240	0.58
		140	277	0.51
	3400	140	347	0.40
		140	480	0.29
1	930	180	120	1.50
		180	208	0.87
		180	240	0.75
		180	277	0.65
1	1065	215	120	1.79
		215	208	1.03
		215	240	0.90
		215	277	0.78

MOUNTING



Hook Mount

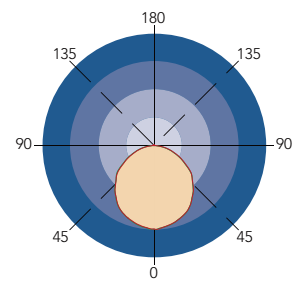


Conduit Pendant Mount



U-Bracket Mount

PHOTOMETRICS



DIMENSION

unit: mm/inch

Weight:

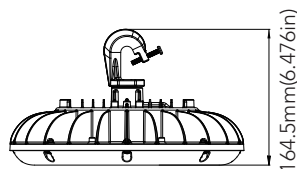
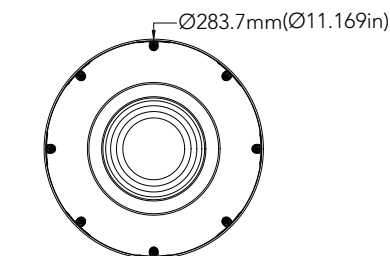
67W: 5.71 lbs(2.59kg)

97W: 5.95 lbs(2.7kg)

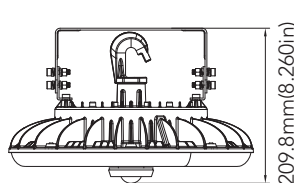
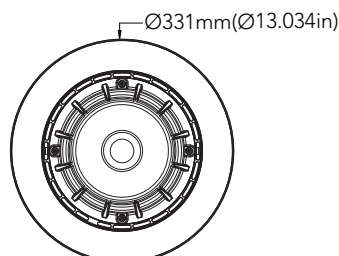
140W: 6.00 lbs(2.723kg)

180W: 6.61 lbs(3.0kg)

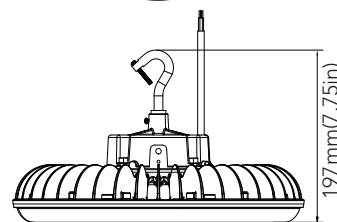
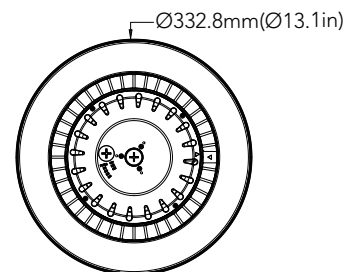
215W: 6.61 lbs(3.0kg)



67W&97W



140W



180W&215W

ACCESSORIES (Optional)

			
Plug-and-Play Microwave Sensor Microwave sensor: ANT-5-4T Bluetooth microwave sensor: ANT-5-4T-BLE-SR Suit for 180W, 215W	Plug-and-Play PIR Sensor PIR sensor: ANT-6-4T Bluetooth PIR sensor: ANT-6-4T-BLE-SR Suit for 180, 215W	PIR Sensor, 120-277V PIR sensor: BRI823-B-D Bluetooth PIR sensor: BRI823-B-D-BLE-SR Suit for 140W	Microwave Sensor, 12V Description: Sensor can be built-in fixture. Suit for 67W, 97W
			
Emergency Box 16W 2000lm 90min	Conduit Adaptor Use for conduit pendant mount Suit for 180W, 215W	U-Bracket Yoke for Surface Mount, two sizes. Suit for 67W, 97W, 140W	

ORDERING GUIDE

Example: IMHB0697W27V40KYYYY

	Fixture Type	Wattage	Voltage	CCT	Finish	Sensor (Option)	Backup Battery (Option)	Internal Code
IUS								
I	MHB06 High Bay Series	67W 97W 140W 180W 215W	27V 120-277V 48V 347-480V	40K 4000K 50K 5000K	B Black D Dark Bronze W White	M With Sensor Blank Without Sensor	B Emergency Battery Blank Without Emergency Battery	Blank Alphanumeric

Note: 1. Only 140W optional for 347-480V.

2. Black is the default finish, if you need other customized colors, please consult the relevant sales manager.