



ILLUMINATING US  
lighting

# LED HIGH BAY

TYPE: \_\_\_\_\_

Bluetooth



IMHB06 is a black economical alternative to IMHB02 with light efficiency up to 144 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

- Light engines are available in color tunable version, the CCT can be changed (4000K, 5000K).
- Scalable Lumen Packages from 14,000 to 30,500 Lumens.
- The frosted diffuser will generate visual comfortable lighting.

### Electrical

- Universal 120-277VAC 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.



97W



215W

### Warranty

- Five-year limited warranty.

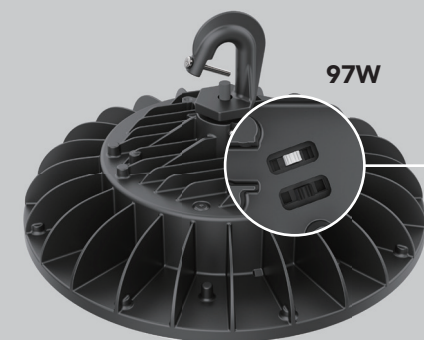
### Certifications

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

Note: Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

### Note

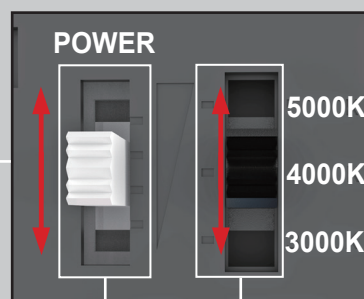
- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C ) specifications subject to change without notice.



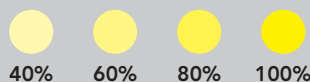
97W



215W



### WATTAGE SELECT



Each model supports 4 positions  
wattage regulation:  
100%, 80%, 60%, 40%

### CCT AND WATTAGE SELECTABLE

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

### CCT SELECT



Offer two CCT adjustable  
(4000K, 5000K)

PERFORMANCE DATA

IMHB06 97W					
SETTING	SYSTEM WATTS	4000K		5000K	
		LUMENS (70CRI)	LPW (70CRI)	LUMENS (70CRI)	LPW (70CRI)
100%	97W	14000lm	144 lm/W	13800lm	142 lm/W
80%	75W	11700lm	156 lm/W	11500lm	153 lm/W
60%	55W	9000lm	164 lm/W	8900lm	162 lm/W
40%	38W	6700lm	176 lm/W	6600lm	174 lm/W

IMHB06 215W					
SETTING	SYSTEM WATTS	4000K		5000K	
		LUMENS (70CRI)	LPW (70CRI)	LUMENS (70CRI)	LPW (70CRI)
100%	215W	30500lm	144 lm/W	30300lm	142 lm/W
80%	160W	25000lm	156 lm/W	24500lm	153 lm/W
60%	135W	20000lm	164 lm/W	19500lm	162 lm/W
40%	95W	13700lm	176 lm/W	13500lm	174 lm/W

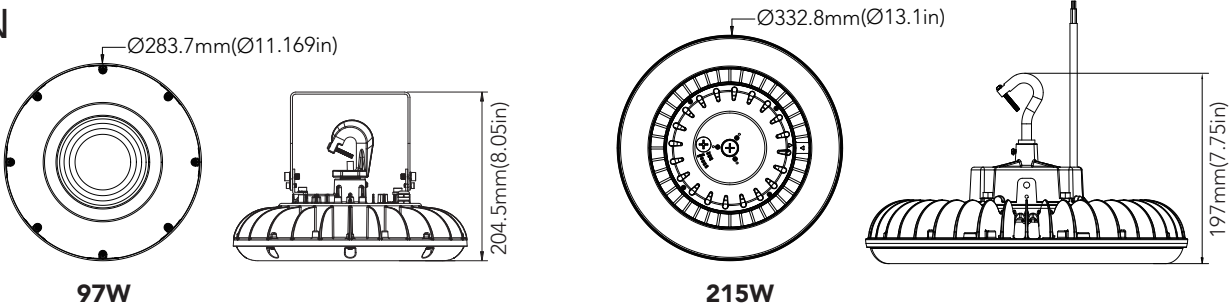
ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (mA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	850	97	120	0.81
		97	208	0.47
		97	240	0.40
		97	277	0.35
1	830	215	120	1.79
		215	208	1.03
		215	240	0.90
		215	277	0.78

DIMENSION

unit: mm/inch

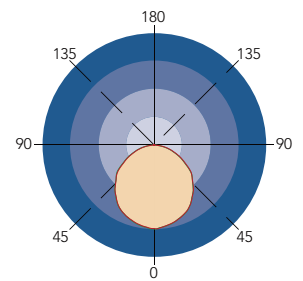
Weight:  
97W: 2.15kg(4.74 lbs)  
215W: 3.09kg(6.81 lbs)



MOUNTING



PHOTOMETRICS



## ACCESSORIES (Optional)

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

## ORDERING GUIDE

Example: IMHB0697W27VDDKYYYY

	Fixture Type	Wattage	Voltage	CCT	Finish	Sensor (Option)	Backup Battery (Option)	Internal Code
IUS								
I	IMHB06 High Bay Series	97W 215W	27V 120-277V	DDK Adjustable color temperature	B Black D Dark Bronze W White	M With Sensor Blank Without Sensor	B Emergency Battery Blank Without Emergency Battery	Blank Alphanumeric

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