



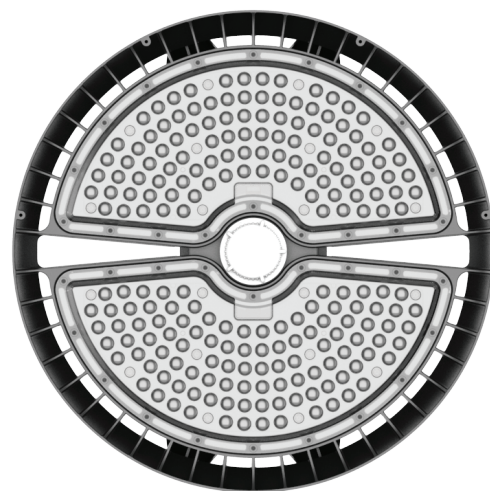
# LED HIGH BAY(HB01)

## Applications:

Robust design for industrial and commercial projects. Ideal for high temperature service, while easily adaptable to commercial applications such as retail, big box chain stores, department stores, warehouses and gymnasiums.

## FEATURES

- Efficacy up to 180lm/W designed to replace 400W to 2500W HID, only consuming 150W to 650W
- Integrated poly carbonate lens 30°, 60°, 90° and 120° optional
- Hook and 1/2" NPT conduit pendant mounting, U-bracket optional
- Motion sensors are optional for additional energy savings
- Superior color rendition index compared to HPS
- Operating temperature -40°C to 50°C (-40°F to 122°F)
- HB01-150W and 200W Only Operating Temperature -40°C to 65°C (-40°F to 149°F)
- Resistant to shock and vibration
- Black color is standard, marine gray optional
- Warranty: Optional 5yr and 10yr
- IP65 rated



150W/200W/240W/320W/400W/500W/650W



### Mounting

Standard 1/2" NPT pendant, or hook mounting

### Lens

Standard 30°, 60°, 90° and 120° poly carbonate lens.

### Housing

Durable die-cast aluminum with black powder coat finish. Smooth finish for dusty applications

### Sensors

Motion sensor is smart, plug-n-play with programmable functionality.



## Innovative multi-channel air convection design

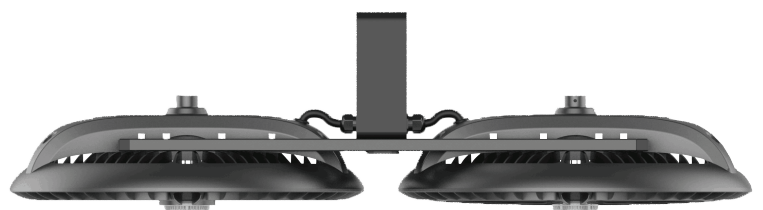
All-around ventilated housing with natural air convection design. Air can convect and fully pass through the gaps, thus to remove the heat rapidly, and reduce temperature by around 15°C, assures excellent performance and longer lifespan. LED life up to 180,000 hours.



Delivers up to 111,000 lumens ideal for replacing 1000W to 2000W HID



Single: 150W-320W



Twin: 400W-650W

# HB01 High Temperature High Bay

## High Ambient Operating Range-Up To 65°C

Due to optimal thermal design and use of higher grade light engine components and drivers, the HB01 series 150W and 200W can operate in ambient environments up to 65°C.



### HB01 High Temperature High Bay Models - 65°C

Picture	Model	Power
	HB01 615	150W
	HB01 620	200W
	HB01 630	300W
	HB01 640	400W

### ACCESORIES

Motion Sensor



Aluminum Reflectoror



Aluminum Visor Shield



Cable with Plug



Steel Chain



Cable Connector



1/2" to 3/4" NTP Converter



U-Bracket



# HIGH POWER LED HIGH BAY / FLOOD LIGHT

Model Number	HB01 150	HB01 200	HB01 240	HB01 320	HB01 400	HB01 500	HB01 650
Input Wattage	150W	200W	240W	320W	400W	500W	650W
Standard	Efficiency (+/- 5%)	165-180 lm/W					
	Delivered Lumens (+/- 5%)	27,000lm	36,000lm	42,480lm	56,000lm	70,000lm	111,150lm
	MH Equivalent Wattage	600W-800W	800W-1000W	1000W-1200W	1200W-1500W	1500W-2000W	2000W-2500W
Economic	Efficiency (+/- 5%)	150-160 lm/W					
	Delivered Lumens (+/- 5%)	23,250lm	30,200lm	35,520lm	45,760lm	57,200lm	90,350lm
	MH Equivalent Wattage	400W-600W	600W-800W	800W-1000W	1000W-1200W	1200W-1500W	1500W-2000W
Input Voltage	120-277VAC/200-480VAC, 50-60HZ						
CRI	75+ (80+ optional)						
CCT	5000K (3000K, 4000K available)						
Beam Angle	30°, 60°, 90°, 120°, Custom Optics optional						
Power Factor	≥0.95						
IP Rating	IP65						
Warranty	5 years standard (up to 10 years extra warranty available)						
Certifications	cETL <sub>us</sub>						
Dimming Control	DALI, Zigbee, Bluetooth, Daylight Sensor, Motion Sensor, 0-10V Dimming						

## ORDERING GUIDE

Example: AO-HB01-515-LV-P-30-W-SR-UM-C3-EM1

Fixture Type	Wattage	Voltage	Efficiency	CCT	Beam Angle	Sensor/Wireless Control (Note 1)	Mounting (Note 2)	Power Cord/Plug (Note 1)	Options (Note 2)
AO- <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
HB01 High Bay Series	(-40~50°C)	LV 120-277V HV 277-480V	(Omit) Standard 150-160 lm/W P Premium 165-180 lm/W	30 3000K 40 4000K 50 5000K	W 90° PC M 60° PC N 30° PC T 15° PC D 120° Diffused PC Lens	(Omit) No Sensor SR Sensor Receptacle Only MS1 Motion Sensor <30ft MS2 Motion Sensor <40ft ZG01 ZigBee Wireless Control DAL DALI Control BT Blue Tooth	Blank 1/2" NPT Hook UM U-Bracket NC 1/2" to 3/4" NPT Adapter PM 1/2" NPT Pendant	(Omit) 1ft Cord C3 3ft Cord C6 6ft Cord PL1 5-15P PL2 5-20P PL3 L7-15P PL4 L7-20P PL5 L8-20P	EM1 Emergency Batt. 8W EM2 Emergency Batt. 20W SPT 10KV Surge Prot. Dim 0-10VDC Dim to Off CP Custom Paint Color (Note 3)
	515 150W								
	520 200W								
	524 240W								
	532 320W								
	540 400W								
	550 500W								
	565 650W								
	(-40~65°C)								
	615 150W								
	620 200W								
	630 300W								
	640 400W								

- Note: 1. For example, C3-PL1 can be used for a 3 foot cord with a standard 110V plug.  
 2. Consult with your sales representative in regard to cable lengths.  
 3. Black color is standard, Marine Gray and other paint colors optional.

Actual performance may differ as a result of end-user environment and application. All values are design or calculated values measured in laboratory conditions. Specifications subject to change without notice.



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Specifications are subject to change without notice.  
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