JS LED®

LED High Bay Light

DESCRIPTION

The Emergency High Bay Series provides a high-performance, energy-efficient lighting solution for industrial environments. Its durable construction and advanced lighting technology make it ideal for high bay, single-point mounting applications. Rated for wet locations and IP-rated, the Emergency High BaySeries offers reliable illumination for high-mounted facilities. With high output and superior light quality, it enhances safety and productivity while reducing energy consumption and mainte-nance costs, making it a cost-effective, long-term lighting solution.

Electrical

Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features continuous dimming. Voltage (120-347V) for convenient installation.



Regular version



Bluetooth version

Controls / Dimming

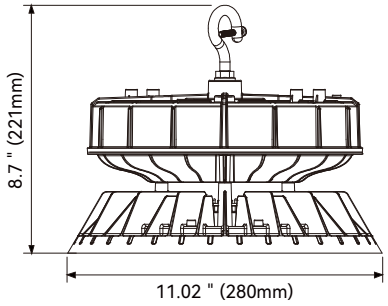
Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, daylight harvesting and other control strategies to achieve deeper energy-savings and code compliance.

Field-Adjustable CCT / Wattage

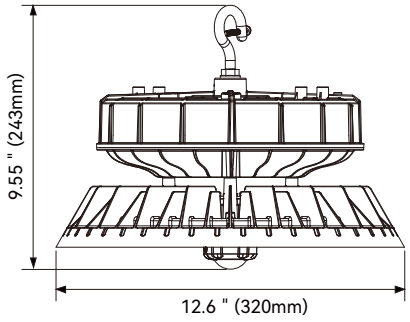
Increased versatility and reduced inventory burden. Wattage and Color Temp. can be adjusted in the field by selecting (3) different wattages and (3) different CCTs via switch inside the housing.

DLC LISTED PREMIUM · c UL us LISTED · Li-ion · IP65 IP Rating · Remote control · 5 years Warranty

BC · Self Test · CP CONSTANT POWER EMERGENCY OUTPUT



150W



240W

ORDERING GUIDE

Example: SZ-HB240W-ACP (EM20W)

Company Code	Fixture Type	Wattage	ACP	EMXW	Optional
SZ Company Name	HB High Bay Series	150W 240W	ACP Adjustable CCT and Power 150W: 80/100/150W 4000K/5000K/6000K 240W: 150/200/240W 4000K/5000K/6000K	Emergency 10W 15W 20W 25W	Blank or BT BT=Bluetooth

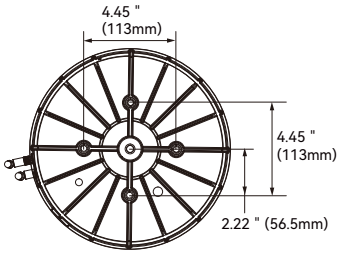
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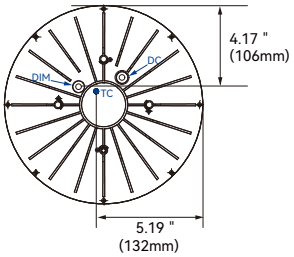
LED High Bay Light

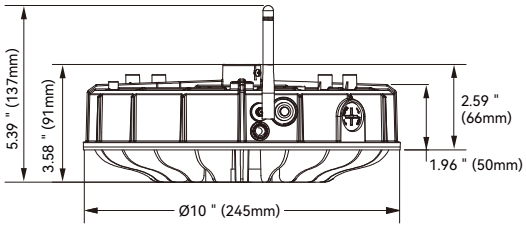
Performance Summary

Input Voltage	120-347V 50/60 Hz
Input current	2.3A max
Input power	280W Max
Power factor	PF＞0.98@120V,PF＞0.95@277V, PF＞0.9@347V Full load
Battery	LiFePO4
Recharge duration	24Hrs
Emergency duration	≥90mins
Rated Wattage	80W/100W/150W or 150W/200W/240W
Delivered Lumens	150lm/W
Efficacy	> 150 LPW (typ.)
CRI	>80
Adjustable CCT	4000K/5000K/6000K
Beam Angle (50%)	90°
LED Rated Life	100,000 hours
L70	100,000 hours
Power Factor	> 0.9
THD	< 20%
Dimming	0-10V Continuous
Max. mounting height	57.3ft
Location Rating	Wet
IP Rating	IP65
Surge Protection Rating	3kV
Operating Temp	0 - 50°C
Finish	optional:Silver, Black,White,Yellow,Red

Emergency Driver Dimensions







Emergency Parameter Table

Models	Emergency wattage	Battery capacity	Output wattage	Output current	CCT
SZ-HBXW-ACP（EMXWX）	10W	12.8V 1600mAh	80W / 100W / 150W 150W / 200W / 240W	150W 600mA MAX.	4000K 5000K 6000K
	15W	9.6V 3200mAh			
	20W	12.8V 4800mAh		240W 1000mA MAX.	
	30W	12.8V 6400mAh			

Normal Mode

Fixtures will operate normally when power is available. When an outage occurs, the fixture will switch to emergency mode, delivering power to the fixture for up to 90 minutes.

Emergency Mode

1. The emergency battery backup enters the emergency mode immediately after the mains power failure.
2. Stop the emergency and return to the charging state after the mains power call.

Self-diagnostic

Monthly Self-test

It will automatically perform a monthly self-test every 30 days with a duration of 30S to check whether the emergency function is normal, and automatically restore to normal charging after 30S discharged.

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Annual Self-test

An annual self-test will be done every year (12 months) with a duration of 90mins to check whether the capacity of the battery pack is normal,and automatically restore to normal charging after fully discharged. (the condition of annual test is that the battery pack is fully charged).

If the annual inspection is interrupted, it will be retested after recovery and when the test conditions are met. (Possibility of interruption: such as sudden power failure, sudden manual test).

Test Button & LED Indicator

Operations	Test button operations	Remote control operations	Indicator status	Working status
Normal mode	Press and hold the test button	Press button A	OFF	Emergency mode
	/	Press button B	OFF	Monthly testing
	/	Press button C	OFF	Annual testing
	/	/	ON	Battery is charging or fully charged
	Press the test button 5 times within 5S	Press button D 10S	Flashing 3 times	Bluetooth reset
Emergency mode	Press the test button 5S	/	OFF	Turn off the battery pack
Malfunction mode	/	/	Flashing	1.The battery pack is disconnected or it is broken. 2.The load is disconnected. 3.Short circuit or open circuit. 4.The wires are not connected properly.

*Note:After power on the Bluetooth Emergency, LED red indicator light breathing when unprovisioned,red indicator light keeps on means the Emergency device has been connected by another user and weren't correctly disconnected, please use the remote control to reset it or press the test button 5 times within 5S to reset the Emergency.

Accessories

Standard Feature



1pcs M10 hooks



1pc safety rope

Optional Features



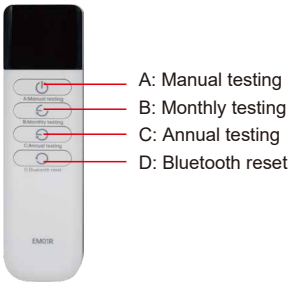
Female M10 to Male 3/4 NPT
Female M10 to Male 1/2 NPT



Metal shade reflector



Poly carbonate shade reflector



1pc remote control

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Accessory Options

Plug and Play Sensor Order Codes: (Order Separately / Ships Separately from Fixture)



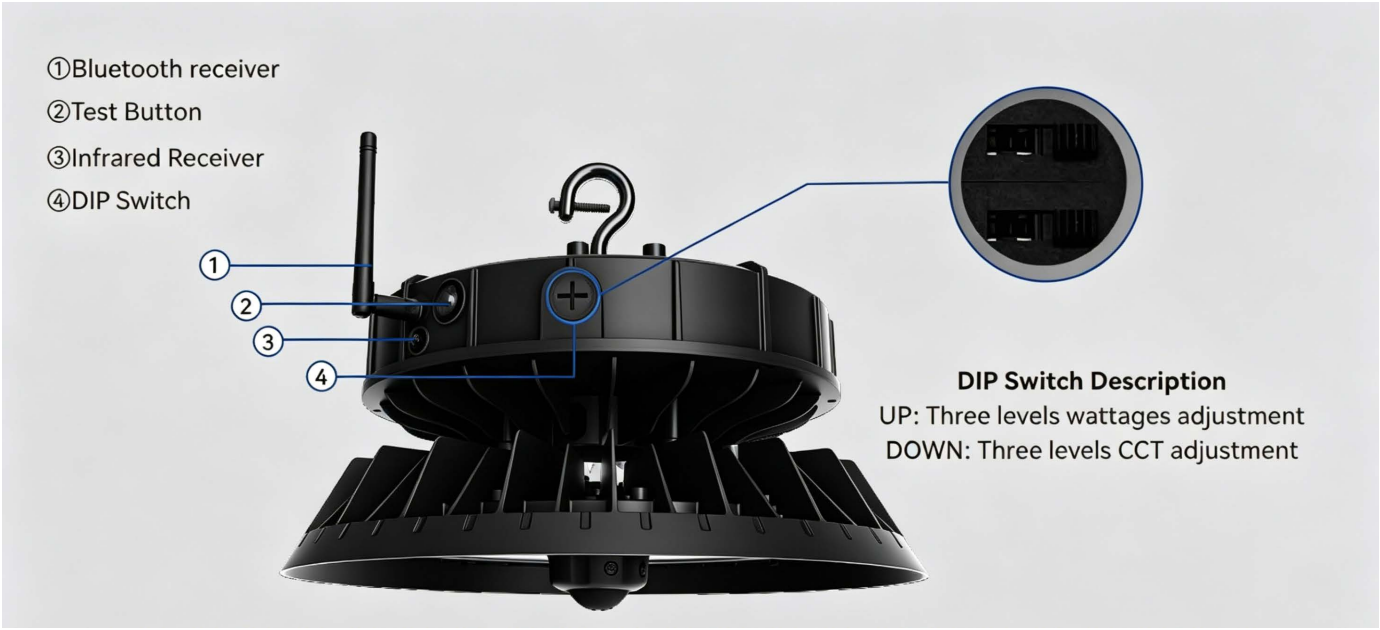


Integrated High bay Sensor

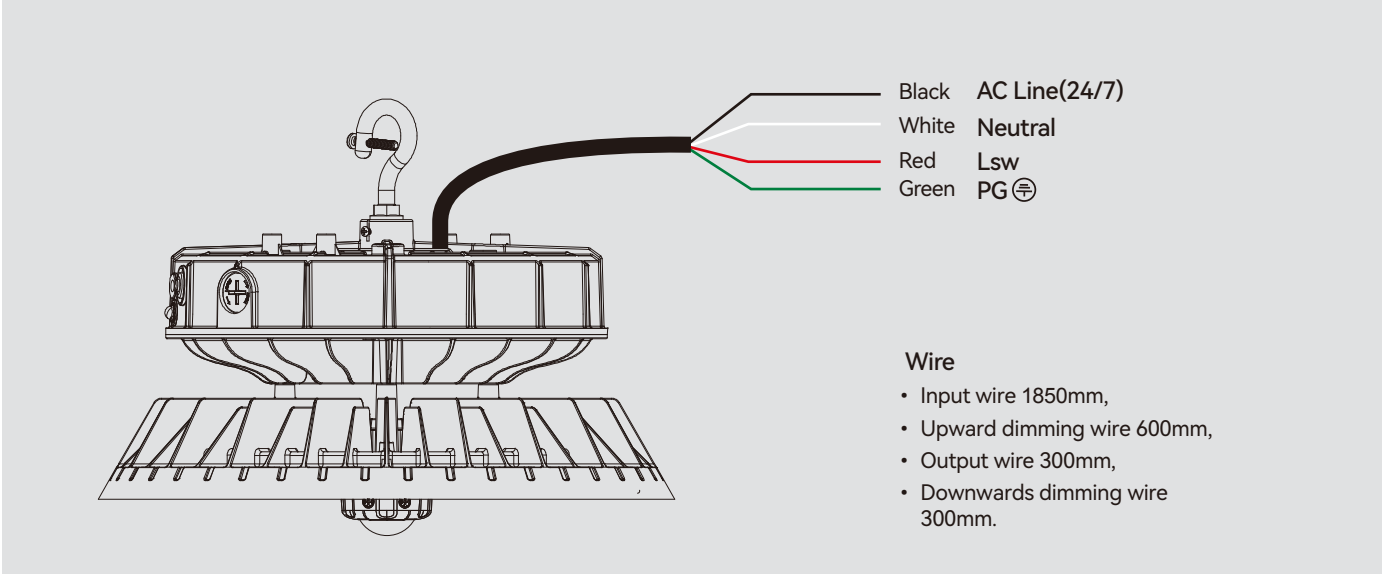
- 12VDC，0-10V Dimmin
- Installation Height:49.21ft(15m for Microwave, 39ft(12m) for PIR
- With Daylight Harvesting and Photocell Function.
- Application：UFO high bay, Linear high bay, area light



Mechanical Structure



Wiring Diagram



LED High Bay Light

Important Safeguards

When using electrical equipment, basic safety precautions should always be followed, including the following:

CAUTION
READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. CAUTION – To prevent electrical shock, do not mate unit connector until installation is complete and AC power is supplied to the unit.
2. CAUTION – This fixture provides more than one power supply output source. To reduce the risk of electrical shock, disconnect both normal and emergency sources by turning off the AC branch circuit and by disconnecting the unit connector.
3. CAUTION – This is a sealed unit. Components are not replaceable. Replace the entire unit when necessary.
4. CAUTION – Installation and servicing should be performed by qualified personnel only. De-energize before opening.
5. The HB is for use with grounded LED luminaires listed to UL standards. Not for use in heated air outlets or hazerdous locations.
6. The HB requires an unswitched AC power source of 120 to 347 volts, 50/60 Hz.
7. The HB and AC driver must be on the same branch circuit.
8. Do not mount near gas or electric heaters.
9. The HB should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
10. The HB will supply 180-260V DC output at the individual rated specification for 90 minutes.
11. Suitable for use in wet locations and plenum spaces.
12. For use in 0° C minimum, 50° C maximum ambient temperatures.
13. Do not use this equipment for other than intended use.
14. Install in accordance with the National Electrical Code and local regulations.
15. Lighting fixture manufacturers, electricians, and end-users need to ensure product system compatibility before final installation.