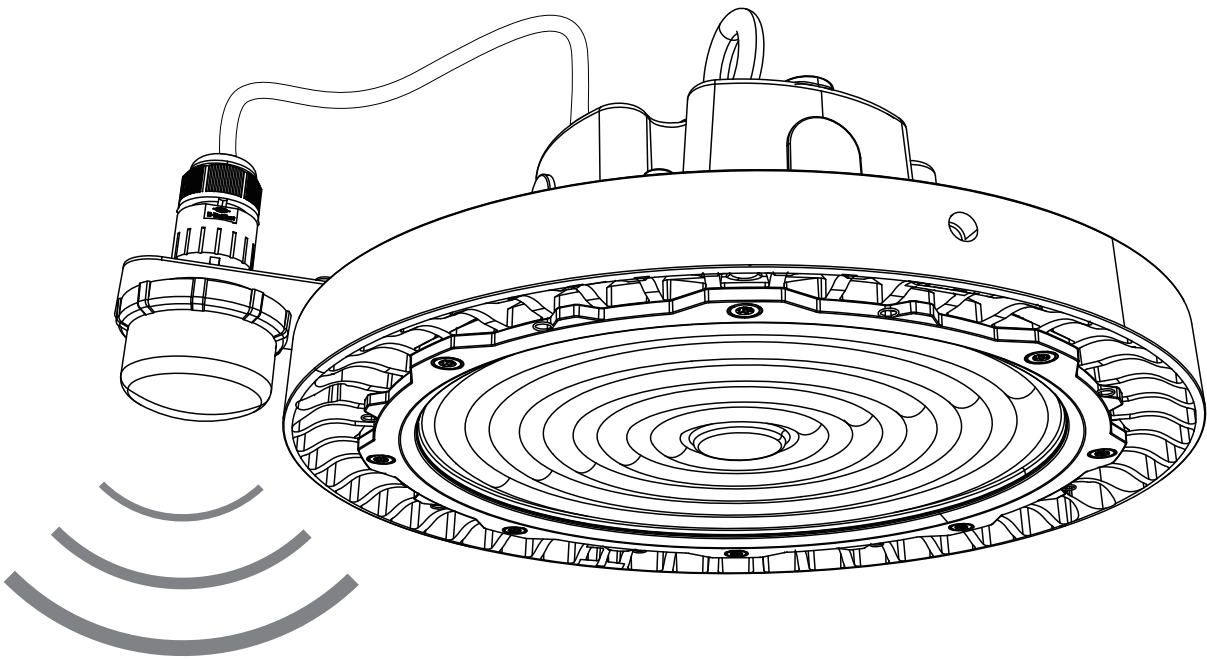


LED HIGH BAY

Product Specification

Version-A2-20231129



HBL-Ex Series(with Non-isolation Driver)

Intelligent and Efficient LED High Bay Light

HBL-Ex series is an optimized and upgraded series based on HBL, a prospective patent, which perfectly integrates design points such as safety, energy saving, reliability, and flexibility and compatibility with various application control requirements. The combination of LED chip and heat dissipation system is optimization design, excellent and reasonable heat dissipation design, and long service life. The product is easy to install, integrates the design of multi-functional extended power supply, expands more application places and skills, and facilitates the optimization of product expansion functions.



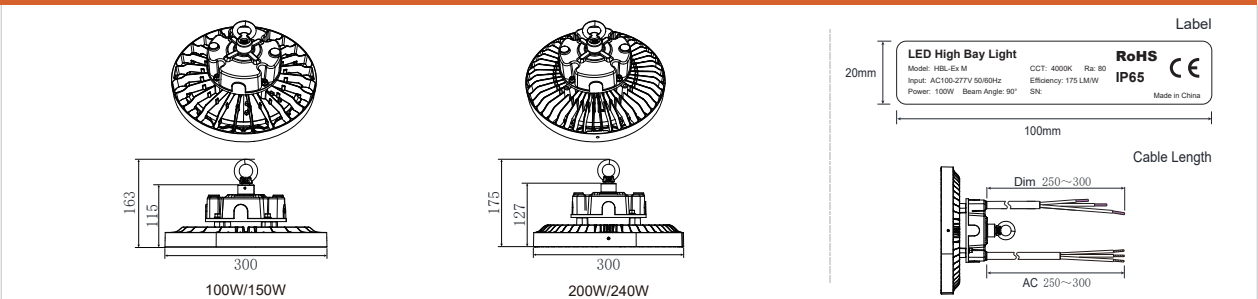
Product Features

- 2 Optional of luminous efficiency: 175LM/W (Ra80), 190LM/W (Ra70)
- 3 Beam Angle : 60°/ 90°/120°
- Wide input voltage meets different markets: AC100-277V
- Operating Temperature Range: - 40 ~ 50 C (- 40 ~ 122 F)
- LED Lifespan: 50000H
- IP65 Waterproof Rating
- Drive design expansion and flexible options: external dimming, external microwave, emergency interface, gear dimming, color temperature DIP switch
- The power supply has short circuit protection (SCP) / over voltage protection (OVP) / over temperature protection (OTP), with auxiliary power output
- 3 Installation methods are optional: Hook/Bracket/Boom.

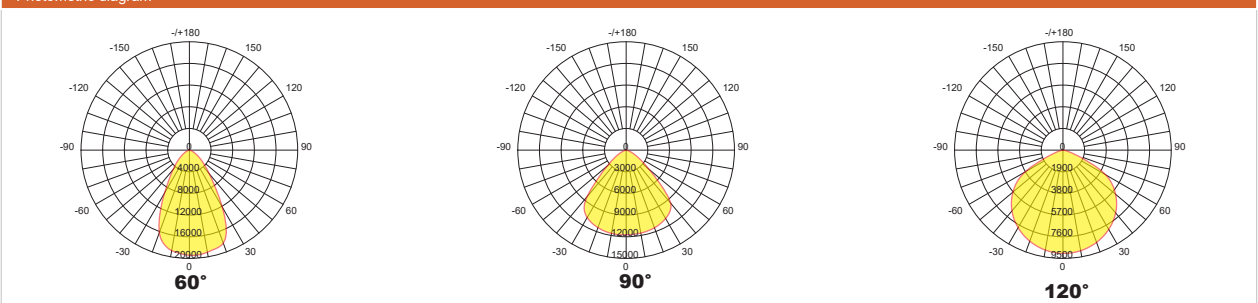


Product Code	HBL-Ex M		HBL-Ex LL	
	100W	150W	200W	240W
Power	100W	150W	200W	240W
Input Voltage/Current	AC100-277V			
Input Current	0.36-1.0A	0.542-1.5A	0.72-2.0A	0.87-2.4A
PF	>0.9/220VAC			
Dimming (Optional)	3-in-1 dimming + 12V / 50mA or 12V / 200mA auxiliary driver			
Dimming controller	Internal CCT adjustment by DIP Switch and external microwave controller			
High Ra80,Luminous Flux Efficiency	17500LM 175LM/W±10%	26250LM 175LM/W±10%	35000LM 175LM/W±10%	42000LM 175LM/W±10%
High Ra70,Luminous Flux Efficiency	19000LM 190LM/W±10%	28500LM 190LM/W±10%	38000LM 190LM/W±10%	45600LM 190LM/W±10%
CCT	4000K / 5000K / 5700K			
Beam Angle	60° 90° 120°			
Operation Temp & Humidity	-40 ~ 50 C , 20 ~ 95%RH No condensation			
Storage Temp & Humidity	-40 ~ 85 C , 10 ~ 95%RH No condensation			
Life Span	50000Hours			
Surge	4KV / 4KV			
IP/ IK Class	IP65 / IK10			
Cer tificate	ETL, CB, CE, PSE, SAA, ROHS2.0			
Lamp Body Color	Housing: Die-casting Aluminum Color: Black (RAL9005) Lens: PC			
Installation mode	Hook /Bracket Mount (reference the Installation Manual)			
Product Warranty	5years			

Product Dimensions (mm)

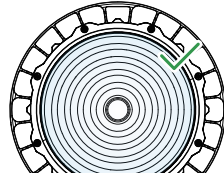
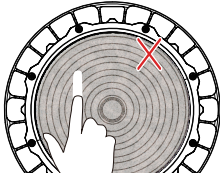


Photometric diagram



HBL-Ex Series(with Non-isolation Driver)

Like Warm And Prompt

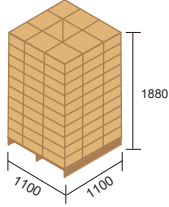
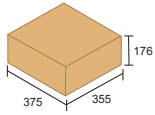


A periodic inspection and maintenance plan should be established in accordance with environmental and other relevant factors affecting the long term luminaire/equipment operation and secure mounting.

A secondary fall arrest kit is recommended for all suspended luminaires/equipment.

Container Volume Calculation

Unit: mm



QTY of containers installed		Unit PCS	
HBL-Ex M	Pallets(1100×1100×120mm)	Container	20GP 40GP
HBL-Ex L	Product Qty: 80PCS	Pallets Qty	10 20
		Product Qty	800 1600