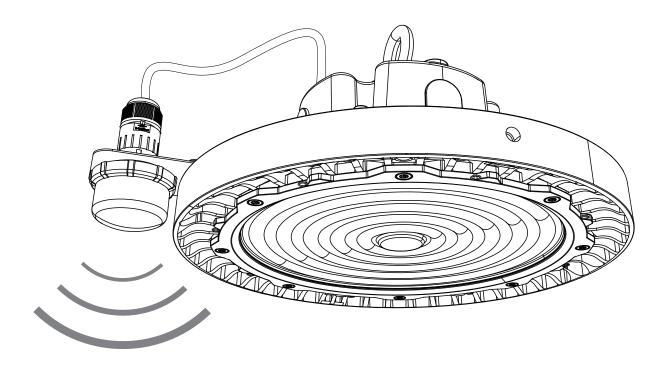


LED HIGH BAY Product Specification

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.

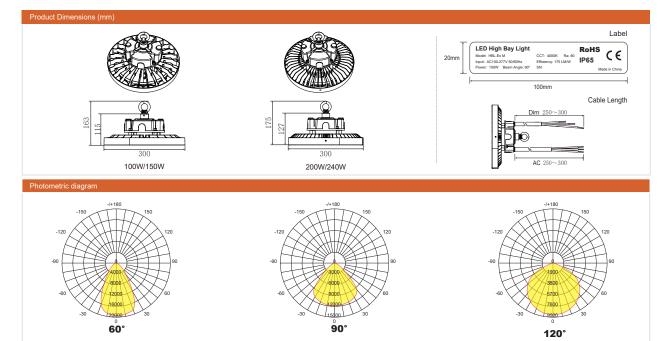
Product Features

- 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 \sim 50 $^\circ \rm C$ (40 \sim 122 $^\circ \rm F$)
- LED Lifespan: 50000H
- IP65 Waterproof Rating
- Drive design expansion and flexible options: external dimming, external microwave, emergency interface, gear dimming, color temperature DIP switch

CE	RoHS	IP65	IK10
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- 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.

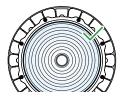
Product Code	HBL	HBL-Ex M		HBL-Ex LL		
Power	100W	150W	200W	240W		
Input Voltage/Current	AC100-277V					
Input Current	0.36-1.0A	0.542-1.5A	0.72-2.0A	0.87-2.4A		
PF	>0.9/220VAC					
Dimming (Optional)	3-in-1 dimming + 12V / 50mA or 12V / 200mA auxiliary driver					
Dimming controller	Internal CCT adjustment 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%		
ССТ	4000K / 5000K / 5700K					
Beam Angle	60° 90° 120°					
Operation Temp & Humidity	-40 \sim 50 $\%$, 20 \sim 95%RH No condensation					
Storage Temp & Humidity	-40 \sim 85 $\rm C$, 10 \sim 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					



Like Warm And Prompt



er Volume Calcul

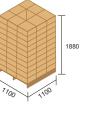


A periodic inspection and maintenance plan should be established in accordance with environmental and other relevant factors affecting the long term luminaire/equipment operation and secure mounting.

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

Unit: mm





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