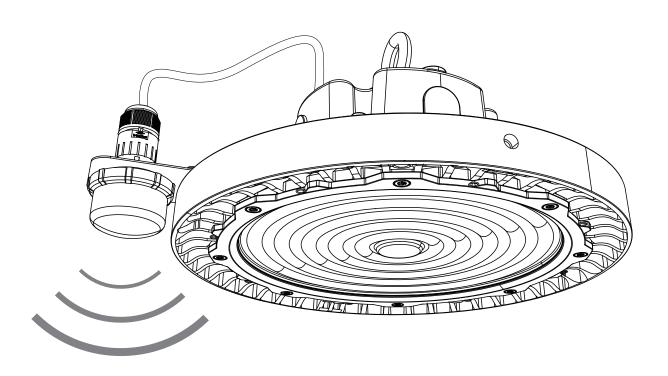


LED HIGH BAY

Product Specification

Version-A2-20231129





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)

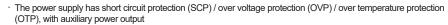
• 3 Beam Angle : 60°/ 90°/120°

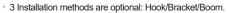
• Wide input voltage meets different markets: AC100-277V

- Operating Temperature Range: - 40 \sim 50 $^{\circ}$ C (- 40 \sim 122 $^{\circ}$ 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

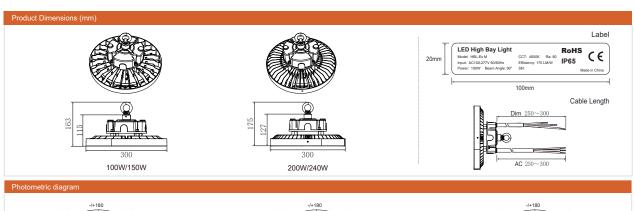


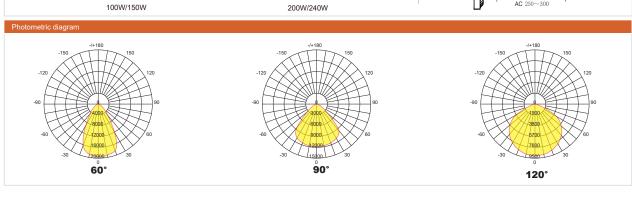




ROHS IP65 IK10

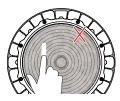
Product Code	HBL	HBL-Ex M		HBL-Ex LL		
Power	100W	150W	200W	240W		
Input Voltage/Current	AC100-277V	AC100-277V				
Input Current	0.36-1.0A	0.542-1.5A	0.72-2.0A	0.87-2.4A		
PF	>0.9/220VAC					
Dimming (Optional)	3-in-1 dimming + 12V / 50mA or 12V / 200mA auxiliary driver					
Dimming controller	Internal 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∼50 ℂ , 20∼95%RH No condensation					
Storage Temp & Humidity	-40∼85 € , 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					

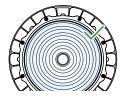




HBL-Ex Series(with Non-isolation Driver)

Like Warm And Prompt





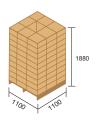
A periodic inspection and maintenance plan should be established in accordance with environmental and other relevant factors affecting the long term luminaire/equipment operation and secure mounting.

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
TIDL-EX L	1 Toddet Qty. oor Co	Product Qty	800	1600