



HBHB34

LED High Bay Light for Safe Environments

Efficient lighting solutions designed as per space requirements

150 to 160 lumens/watts



ABOUT US

- Trusted provider of robust LED lighting engineered for the most challenging industrial settings
 - Supporting clients across industries like oil & gas, mining, manufacturing, and marine sectors.
 - Committed to excellence, reliability, and adherence to the highest safety standards.
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WHY CHOOSE HAZBRITE

⇒ SAFETY YOU CAN COUNT ON :

- Thoroughly tested by experts to meet stringent safety requirements.
- Compliant with industry-leading certifications and protocols.
- Built to deliver long-lasting performance in demanding condition.

⇒ FAST AND RELIABLE DELIVERY OF PRODUCTS :

- Majority of orders fulfilled on time delivery.
- Immediate availability of products for urgent needs.
- Real-time tracking for complete visibility and control.

⇒ EXPERTISE DRIVEN SERVICES :

- Dedicated support team with deep industry knowledge.
- Customized lighting solutions tailored to your project's need.
- Comprehensive after-sales support and maintenance.

⇒ ECO - CONSCIOUS SOLUTIONS ;

- High-efficiency lighting that cuts energy usage.
 - Environmentally responsible design and packaging.
 - Sustainable products that reduce waste and operational costs.
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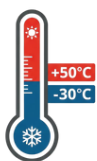
**SETTING THE STANDARD IN SAFETY-ORIENTED
LIGHTING FOR CRITICAL, HAZARDOUS & SAFE
OPERATIONS ALIKE.**

DESCRIPTION

HB34 is an economical and compact design high bay light. With the optimized heat sink structure, the compact design saves cost and freight, what's more, the high fins contribute to excellent heat dissipation management. 150lm/w & 160lm/w are optional, which brings a wide range of power and luminous flux values. Twist central sensor is available. Making the high bay solution is more energy-saving and with higher performance.

GENERAL INFORMATION

Operating Temperature	-30°C to +50°C
Life Time of LED @Ta=25°C	36000hrs-L90
	83000HRS-L80
	136000hrs-L70
IK Rating	IK08
IP Rating	IP65
Warranty	5



STANDARD MATERIALS

- Housing materials - Aluminium Alloy
- Housing finish - Powder Coating
- Optic materials - Polycarbonate Optical Lens
- Fixture color - Black (RAL9017)



Note : Product Specifications and Design subject to change without notice



KEY FEATURES

1. 150 LPW & 160 LPW.
2. Compact design for three sizes.
3. Full wattage 100w, 120w, 150w, 200w.
4. Intelligent control: Twist Microwave motion sensor and PIR sensor, 0-10V dimmable.
5. Multipul beam angel: 60°, 90°, 120°.
6. Multiple installations: loop hanging, ceiling mounting.
7. Full certificates CE, ROHS, CB, C-tick, SAA available
8. PC and ALU reflector are optional.

ADDITIONAL FEATURES

- Input Voltage : 120-270V/AC 50 / 60 Hz
- Efficacy(5000K Ra70) : 160lm/W
- Power Factor : >0.95
- CCT Adjustable : 5000K (3000K, 4000K optional)
- Surge Protection : 4kV line-line, 4kV line-earth
- Control : 0-10V Dimmable, Photocell Optional
- CRI(Ra) : Ra70 (Ra80 optional)
- Operating temperatures : -30°C to + 50°C
- Wall mounting options



APPLICATIONS



Indoor Ceiling



Toll Stations



Factory



Warehouses



Stadiums



Shopping Malls

TECHNICAL DATA

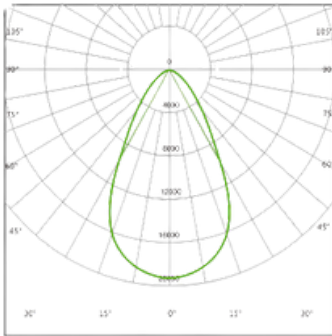
Model No.	HBHB34-100		HBHB34-120	HBHB34-150	HBHB34-200
Power Consumption(±5%)	100W		120W	150W	200W
Power Supply	DONE				
Input Voltage	120-270V/AC 50 / 60 Hz				
Power Factor	>0.95				
Surge Protection	4kV line-line, 4kV line-earth				
Driver Type	Constant Current (CC)				
Control	0-10V dimmable				
	microwave motion sensor, PIR sensor				
Note	NA				
LED Type	LED 2835				
Luminous Flux (±10%)	15000lm/16000lm	18000lm/19200lm	22500lm/24000lm	30000lm/32000lm	
Efficacy(5000K Ra70)	160lm/W				
Correlated Color Temperature	5000K (3000K, 4000K optional)				
Color Rendering Index	Ra70 (Ra80 optional)				
Beam Angle	H00165/H00166/H00167			H00133/H00135/H00137	
UGR Level	28				

TECHNICAL DATA

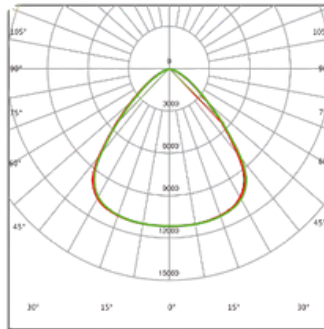
Product Dimension	Ø234*178mm(Φ9.21"x7.00")	Ø250*190mm (Φ9.84"x7.48")	Ø280*195mm (Φ11.02"x7.71")
Luminaire Net Weight(±0.3kg)	1.5Kg	1.7Kg	2.2Kg
Export Carton Size	245x245x180mm(9.64"x9.64"x7.08")	260x260x190mm (10.23"x10.23"x7.48")	290x290x195mm (11.41"x11.41"x7.67")
Gross Weight(±0.3kg)	1.9Kg	2.2Kg	2.9Kg
Mounting Option	Loop Hanging		
	Ceiling Mounting		
EPA	NA		

BEAM DISTRIBUTION DATA

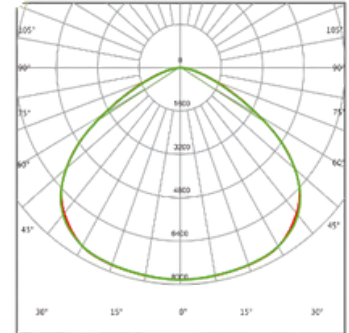
200W



60°

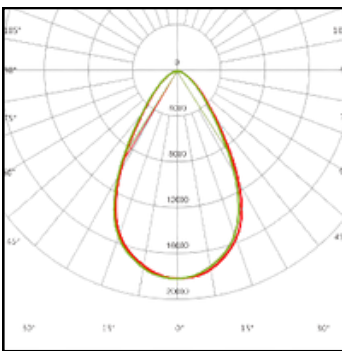


90°

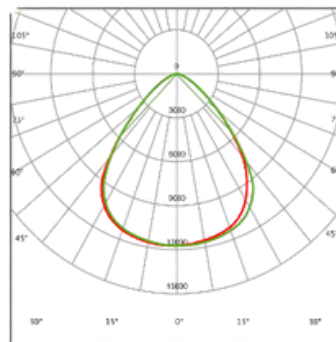


120°

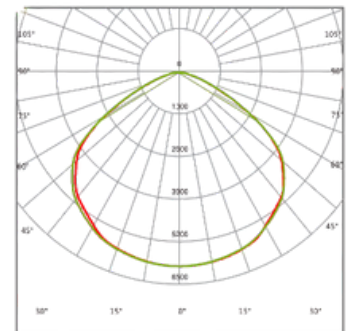
100W-150W



60°

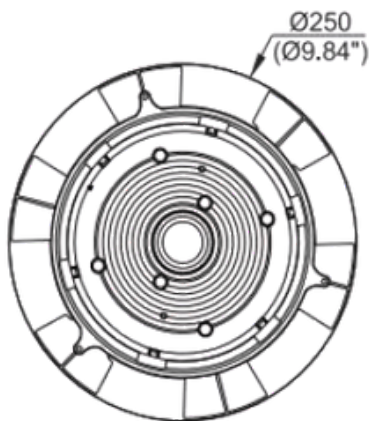
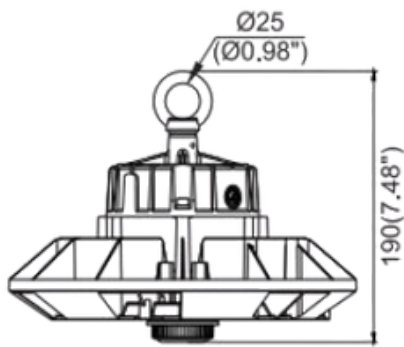


90°

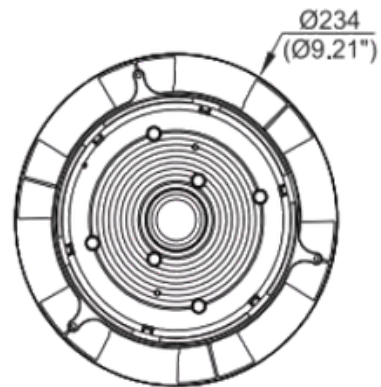
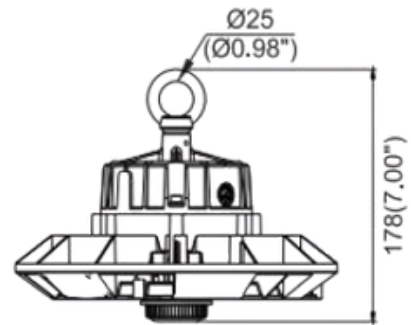


120°

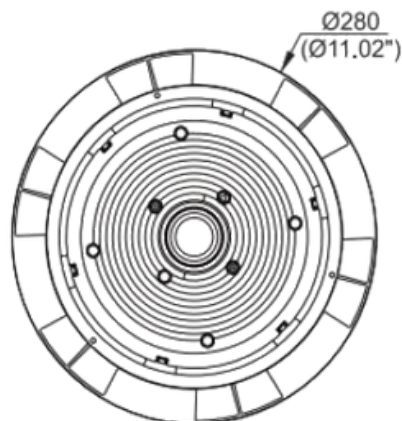
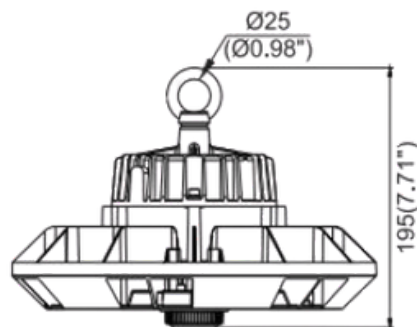
DIMENSIONS



150W



100W/120W



200W

CONTACT THE HAZBRITE TEAM FOR MORE ENQUIRIES.

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Disclaimer

The information provided is accurate to the best of Hazbrite's knowledge at the time of publication. However, customers and end-users should consult the latest product specifications, installation guides, terms, and warranties available at www.hazbrite.com, which shall take precedence in case of any discrepancies or conflicts.