

HB50 High Bay Datasheet



Key Features

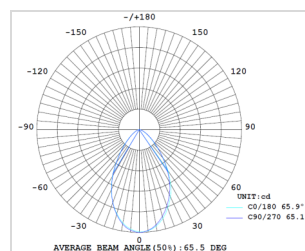
- ⇒ **Efficacy:** Up to 160lm/w
- ⇒ **LED Chip:** SMD2835
- ⇒ **SDCM:** <5
- ⇒ **Adjustable Beam Angle:** 60° | 90° | 120°
- ⇒ **Adjustable Power:** 60% | 75% | 100%
- ⇒ **IP Rating:** IP65
- ⇒ **Controls:** Microwave | Daylight | Infrared sensor
- ⇒ **Installation:** Eye Bolt; Bracket
- ⇒ **Certifications:** CE, RoHS
- ⇒ **Warranty:** 5 years

Application

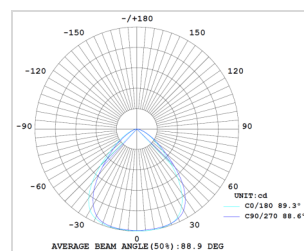
Warehouses, venues, factories, workshops, shopping malls, supermarkets, waiting halls, toll stations, racecourses and other lighting places.

Photometry

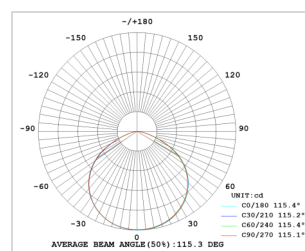
60° PC lens



90° PC lens

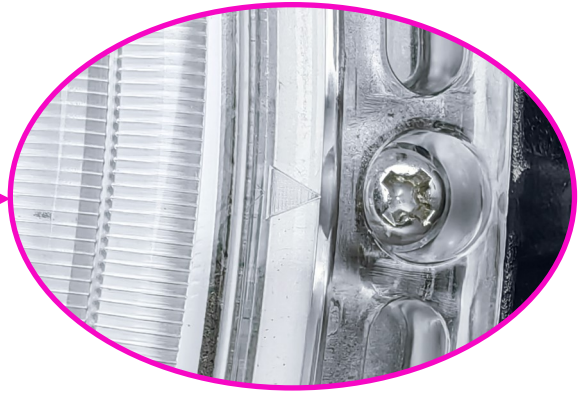
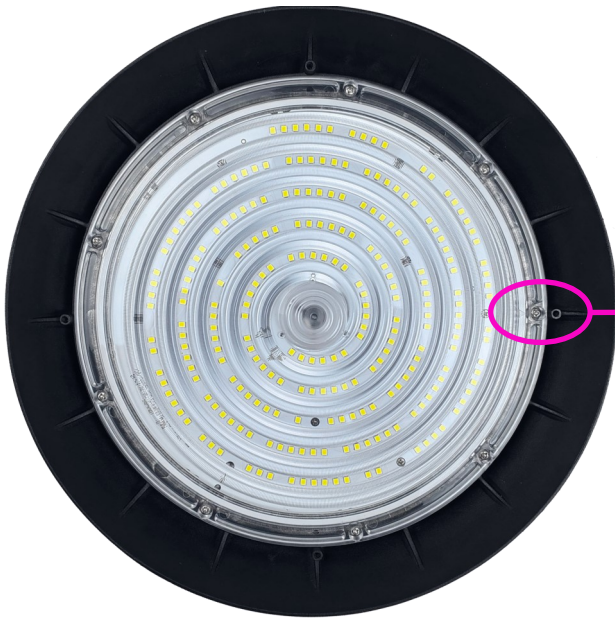


120° PC lens



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Adjustable Beam Angle Details



The position pointed by the triangle mark is the luminous angle. The angles can be interchanged between 60°/90°/120°!

Adjustable Power

Turn on the DIP switch, the power can be adjusted. The adjustable power is 100%, 75%, 60%.



200 (W) 150 (W) 120 (W)

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Product Data

Model No.	HB50-100	HB50-150	HB50-200	HB50-240	HB50-300
Power	100W	150W	200W	240W	300W
Lumen Output	16,000 lm	24,000 lm	32,000 lm	38,400 lm	48,000 lm
Adjustable Beam Angle	no	60° 90° 120°		no	
Luminous Efficacy	160 lm/w				
CCT	3000K 4000K 5000K 5700K 6500K				
CRI	Ra≥70 (Ra≥80 optional)				
Input Voltage	120 to 277 VAC; 50Hz 60Hz				
Housing Color	Black				
Housing Material	Aluminum, PC				
Operating Temperature	-30°C to +45°C				
Operating Humidity	10% to 90% RH				
Lifespan	100,000 hours				
Warranty	5 years				









ErP Technical Specification (25°C operating temperature)

Item	Specification & Data
Efficiency In	≥93%
Power Factor	PF≥0.95
Energy Efficiency Class	D
Standard Deviation of Color Matching	<5
Starting Time	<0.2S
Warm-up Time to 60%	<0.5S
Lumen Maintenance at e.o.l.	>70%
Lifetime	L70/B50@100,000hours

**Note: 1. The above parameters are all obtained at +25°C and there are errors within the allowable range of relevant standards.
2. This specification book is for reference only. We retains the right to optimize and modify without pre -notification!**

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Mounting & Accessories (optional)

	Bracket
	Model No.: UFO-ZJ Steel; Black
	Chain
	Model No.: UFO-DL Stainless steel; Silver
	Safety Rope
	Model No.: UFO-SR Stainless Steel; Silver
	Reflective
	Model No.: HB50-DZ Aluminum; Silver
	Remote Control
	Model No.: YKQ Plastic; white
	Microwave & Daylight Sensor
	Model No.: WGGY PC; white black
	Connecting Base
	Model No.: GYZ PC; white
	Infrared Sensor
	Model No.: HWGY PC; white black

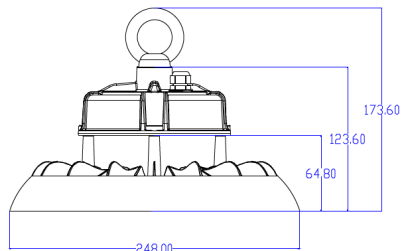
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Packaging

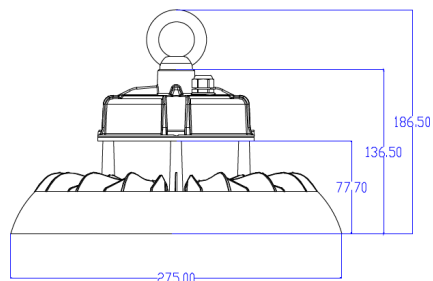
Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m³)	40HC/HQ(68m³)
HB50-100	1	1.3 kg	1.6 kg	2.8 kg	L290xW290xH165 mm $\approx 0.014 \text{ m}^3$	2,000 CTNS	4,857 CTNS
HB50-150	1	1.8 kg	2.2 kg	3.5 kg	L315xW315xH175 mm $\approx 0.017 \text{ m}^3$	1,647 CTNS	4,000 CTNS
HB50-200	1	2.0 kg	2.5 kg	4.3 kg	L350xW350xH175 mm $\approx 0.021 \text{ m}^3$	1,333 CTNS	3,238 CTNS
HB50-240	1	2.3 kg	2.9 kg	5.6 kg	L400xW400xH190 mm $\approx 0.028 \text{ m}^3$	1,000 CTNS	2,428 CTNS
HB50-300	1	2.6 kg	3.4 kg	5.6 kg	L400xW400xH190 mm $\approx 0.028 \text{ m}^3$	1,000 CTNS	2,428 CTNS

Remarks: The weight of the above products is for reference only, and the weight of different configuration products will be different.

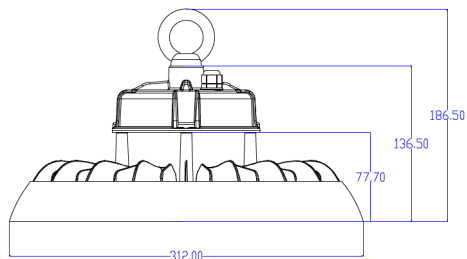
Dimension (unit: mm)



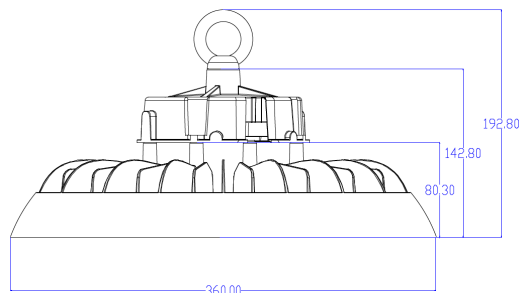
HB50-100



HB50-150



HB50-200



HB50-240 | HB50-300