

HB52 High Bay Datasheet



Key Features

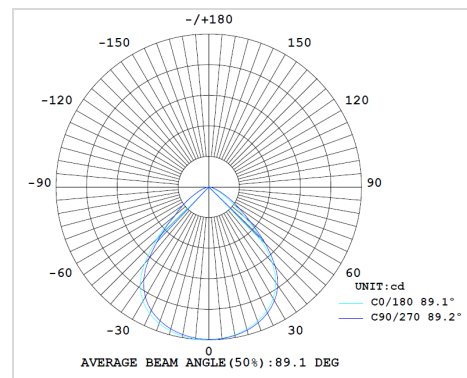
- ⇒ Beautiful appearance, simple and elegant!
- ⇒ The lamp body radiator has a respirator, which dissipates heat faster!
- ⇒ **Efficacy:** Up to 160 lm/w
- ⇒ **LED Chip:** SMD2835
- ⇒ **SDCM:** <5
- ⇒ **PC Lens Beam Angle:** 90° | 120°
- ⇒ **IP Rating:** IP65
- ⇒ **Controls:** Microwave | Daylight | Infrared sensor
- ⇒ **Installation:** Eye Bolt
- ⇒ **Certifications:** CE, RoHS
- ⇒ **Warranty:** 5 years

Application

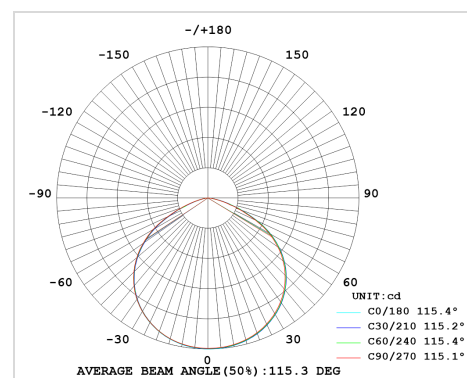
Warehouses, venues, factories, workshops, shopping malls, supermarkets, waiting halls, toll stations, racecourses and other lighting places.

Photometry

90° PC lens



120° PC lens



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Product Data

Model No.	HB52-100	HB52-150	HB52-200	HB52-240
Power	100W	150W	200W	240W
Lumen Output	16,000 lm	24,000 lm	32,000 lm	38,400 lm
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			




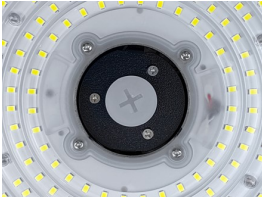

ErP Technical Specification (25°C operating temperature)

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)

	Safety Rope
	<i>Model No.: UFO-SR Stainless Steel; Silver</i>
	Remote Control
	<i>Model No.: YKQ Plastic; white</i>
	Microwave & Daylight Sensor
	<i>Model No.: WGGY PC; white black</i>
	Connecting Base
	<i>Model No.: GYZ PC; white</i>
	Infrared Sensor
	<i>Model No.: HWGY PC; white black</i>

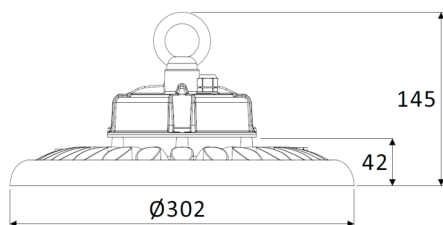
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Packaging

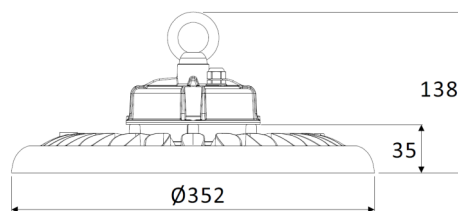
Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m³)	40HC/HQ(68m³)
HB52-100	1	1.8 kg	2.4 kg	3.2 kg	L340xW340xH140 mm $\approx 0.016 \text{ m}^3$	1,750 CTNS	4,250 CTNS
HB52-150	1	2.2 kg	3.0 kg	4.4 kg	L390xW390xH145 mm $\approx 0.022 \text{ m}^3$	1,272 CTNS	3,090 CTNS
HB52-200	1	2.8 kg	3.8 kg	5.3 kg	L420xW420xH150 mm $\approx 0.026 \text{ m}^3$	1,076 CTNS	2,615 CTNS
HB52-240	1	3.0 kg	4.0 kg	5.3 kg	L420xW420xH150 mm $\approx 0.026 \text{ m}^3$	1,076 CTNS	2,615 CTNS

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

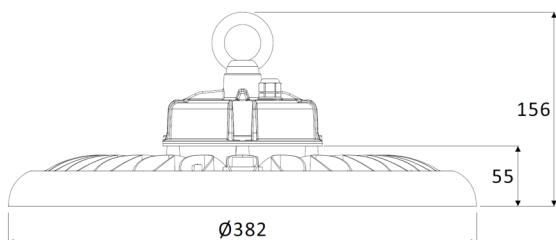
Dimension (unit: mm)



HB52-100



HB52-150



HB52-200 | HB52-240