

# HB30(CS) Cold Storage Light Datasheet



## Key Features

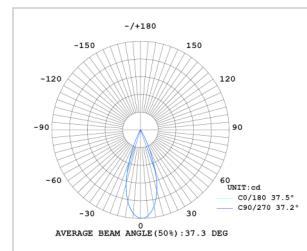
- ⇒ Designed specifically for cold storage lighting.
- ⇒ Efficacy: 160-210 lm/w
- ⇒ LED Chip: SMD5050 | SMD2835
- ⇒ SDCM: <5
- ⇒ UGR: <19 (SMD5050: 60° and 90°)
- ⇒ Beam Angle: 35° | 60° | 90° | 120° | 30°x70°
- ⇒ Controls: Microwave & Daylight | Infrared sensor | 0-10V dimming | DALI 2.0
- ⇒ Power adjustable
- ⇒ IP Rating: IP66
- ⇒ Installation: Eye Bolt | Bracket | Pendant rod | Sliding-rope hoisting
- ⇒ Certifications: CE, RoHS
- ⇒ Warranty: 5 years

## Application

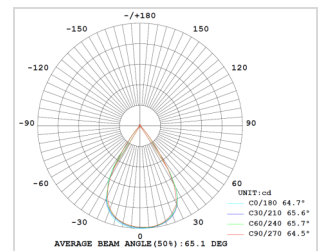
Passageway/loading and unloading area, cold storage room, freezer room/low-temperature storage room, blast freezer/ultra-low temperature storage room, machine room (refrigeration unit room), loading dock, sorting area, office area, etc.

## Photometry

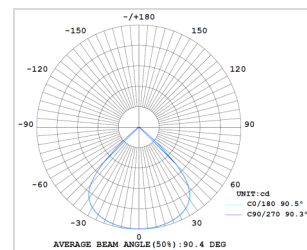
35° PC lens



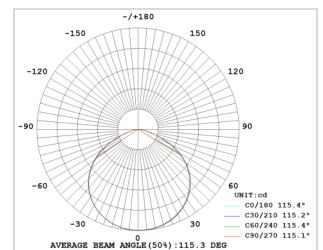
60° PC lens



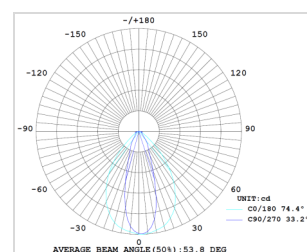
90° PC lens



120° glass



30°x70° PC lens



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## Product Data

Model No.	KML-HB30-100	KML-HB30-150	KML-HB30-200	KML-HB30-240
Power	100W	150W	200W	240W
Luminous Efficacy	210 lm/w(SMD5050)   190 lm/w(SMD5050)   160 lm/w (SMD2835)			
Beam Angle	SMD5050: 60° 90° 120° 30°x70° ; SMD2835: 35° 60° 90° 120°			
CCT	3000K 4000K 5000K 5700K 6500K			
CRI & UGR	Ra≥70 (Ra≥80 optional)			
Input Voltage	120 to 277 VAC; 50Hz 60Hz			
Housing Color	Black  White   Gray			
Housing Material	Aluminum, PC, Glass			
Efficiency In	≥93%			
Power Factor	PF≥0.95			
Operating Temperature	-40°C to +50°C			
Operating Humidity	10% to 90% RH			
Design Lifespan	100,000 hours			
Warranty	5 years			

**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)

	<p><b>Bracket</b></p> <p>Model No.: HB30-ZJ Steel; Black   White   Gray</p>		<p><b>Eye Bolt (round driver)</b></p> <p>Model No.: M10 Steel; Silver</p>
	<p><b>Sliding-rope Hoisting</b></p> <p>Model No.: HB30-JD Steel; Black   White   Gray</p>		<p><b>Eye Bolt (rectangular driver)</b></p> <p>Model No.: M10 Steel; Silver</p>
	<p><b>Pendant Rod</b></p> <p>Model No.: UFO-DG Steel; Black   White   Gray</p>		<p><b>Safety Rope</b></p> <p>Model No.: UFO-SR Stainless Steel; Silver</p>
	<p><b>Remote Control</b></p> <p>Model No.: HD06R Plastic; white</p>		<p><b>Microwave &amp; Daylight Sensor</b></p> <p>Model No.: HD07VR-MH PC; white   black; optional Bluetooth</p>
	<p><b>Infrared Sensor</b></p> <p>Model No.: HD07VR-PH PC; white; optional Bluetooth</p>		<p><b>Connecting Base</b></p> <p>Model No.: GYZ PC; white</p> <p><b>Function: When removing the sensor, it can be connected with a sensor socket to prevent oxidation of the interface.</b></p>

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## Packaging (Eye Bolt)

Model No.	PCS/CTN	N.W	G.W	Volumetric Weight	Carton Size and Volume	20GP(28m³)	40HC/HQ(68m³)
KML-HB30-100	1	1.9 kg	2.5 kg	3.3 kg	L328xW328xH155 mm ≈ 0.017 m³	1,647 pcs	4,000 pcs
KML-HB30-150	1	2.0 kg	2.6 kg	3.3 kg	L328xW328xH155 mm ≈ 0.017 m³	1,647 pcs	4,000 pcs
KML-HB30-200	1	2.7 kg	3.5 kg	4.3 kg	L360xW360xH165 mm ≈ 0.021 m³	1,333 pcs	3,238 pcs
KML-HB30-240	1	2.9 kg	3.6 kg	4.3 kg	L360xW360xH165 mm ≈ 0.021 m³	1,333 pcs	3,238 pcs

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

## Beam Angle Detail

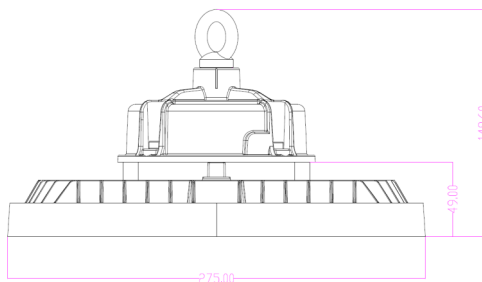


SMD5050: 60° | 90° | 120° | 30°x70°

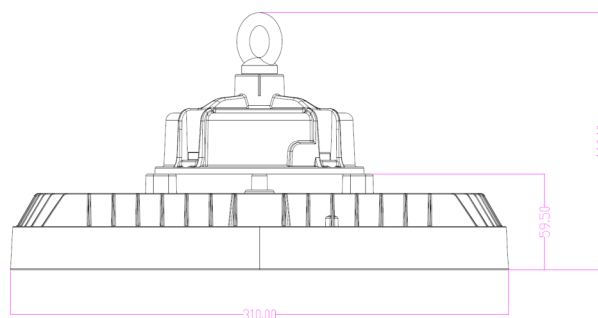


SMD2835: 35° | 60° | 90° | 120°

## Eye Bolt Dimension (unit: mm)



HB30-100 | HB30-150



HB30-200 | HB30-240