

HIGH BAY: HQ

DATASHEET



HQ series is highly efficient and reliable LED high bay light. The high system efficiency is up to 150Lm/W due to the state-of-the-art LED technology. It offers flexible options in optics, accessories and mounting. HQ series high bay light provides safe, appropriate and secure lighting experience in industrial application and it is the smart choice for any new or retrofit installations.

Advantage

- Die-cast aluminum, high heat dissipation.
- Back-fin design aids cooling.
- Multiple installation options.
- Multiple photometric options.

Application

- Workshops
- assembly line
- Public indoor areas (airports, stations)
- Logistics storage

Features

- Power: 100W-200W
- CCT: 3000K - 5700K
- Efficiency: 150Lm /W
- IP65, IK08
- warranty 3years
- CB, CE,CCC





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Specification Information

- Optical parameters**

Model No.	HQ1-100W	HQ2-150W	HQ3-200W
Power	100W	150W	200W
Lumen	15000Lm	22500Lm	30000Lm
Efficiency	150 Lm /W*		
CCT	3000K, 4000K, 5700K		
CRI (Ra)	≥70		
SDCM	≤6		
Beam angle	60°,90°,120°		

- Electrical parameters**

Input voltage	AC220-240V , 50-60Hz
Power Factor	0.95
Surge Protection	L-N:4KV , L/N-G:6KV

- Mechanical parameters and key materials**

Housing	ADC12 die-cast aluminum, surface spray color: Black
Cover Lens	UV-resistant PC
LED Brand/Model	EDISON 2835
LED Driver	SUNCOM

- General parameters**

Mounting	Hoisting, (optional) pole mounting, (optional) bracket mounting
Operating Temperature	-20 ~ +45°C
Storage Humidity	10% ~ 85%
Protection	IP65, IK08
Electric class	Class I
Warranty	3 years
Lumen Maintenance	30,000 hours at L70
Certification	CCC, CE, CB

*Efficiency rated at CCT above 4000K

Due to the special conditions of manufacturing process of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual

Accessories optional



Wiring Connector



Safety Chain



Anti-glare reflector



Rings



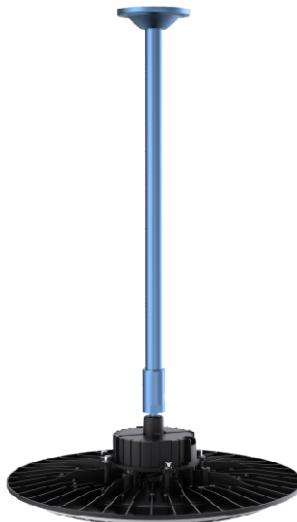
Wall bracket



Top mount bracket

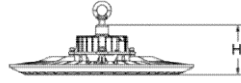
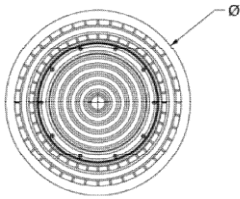


Ceiling rings (hoisting)



Ceiling hanger (rod mounted)

Dimensions



HQ1



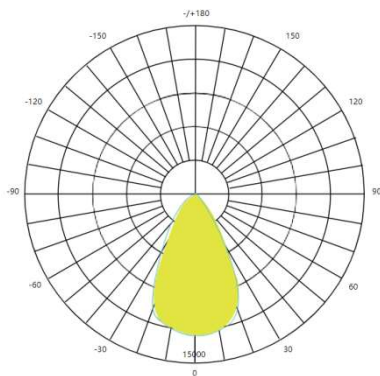
HQ2



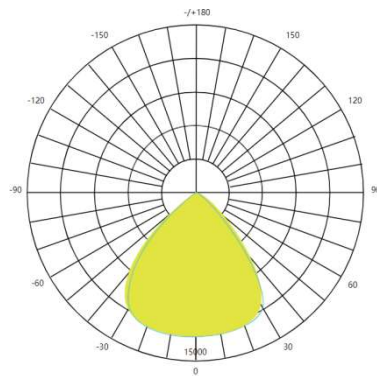
HQ3

Model No.	HQ1	HQ2	HQ3
Φ	288mm	345mm	394mm
H	93mm	96mm	108mm

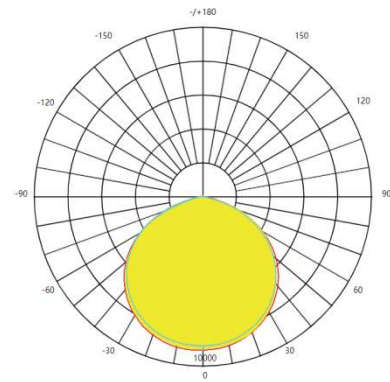
Light distribution



60°



90°



120°

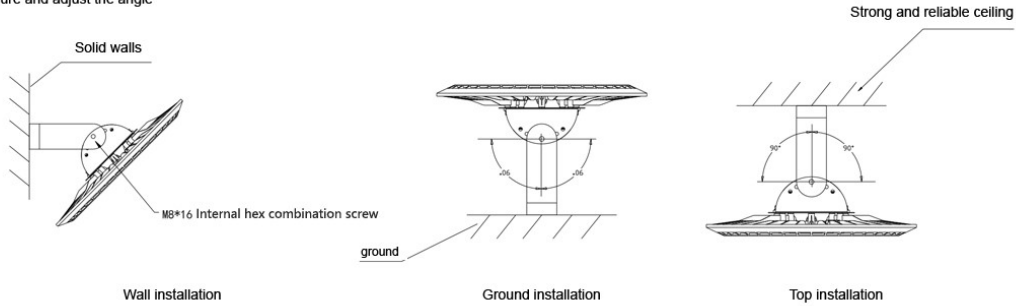
Packaging Information

Model No.	HQ1	HQ2	HQ3
Package dimension (mm)	975*425*320	780*385*305	845*425*315
N. Weight (kg)	13.5	7.2	8.4
G. Weight((kg)	16.3	9.5	10.6
Packing	9pcs/carton	4pcs/carton	4pcs/carton

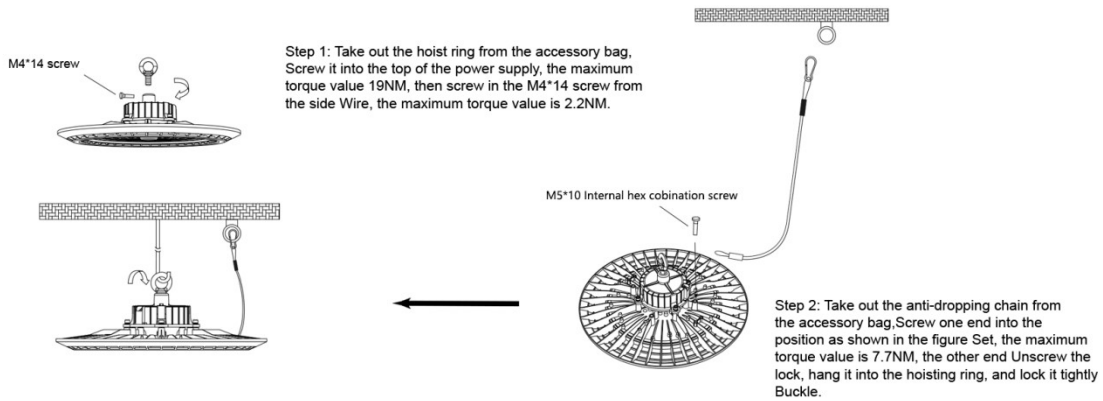
User manual

Accessories installation (Wall bracket)

Use a tool to loosen the two screws as shown in the figure and adjust the angle



Accessories installation (Rings&Safety Chain)



Revision History

Versions	Description	Release Date
1.0	NEW	2023/10/30

About EdisonOpto

Edison Opto provides comprehensive LED and solid-state lighting products from LED Component, Light Module, UV / IR LED, LED sensing, Horticulture and Automotive Lighting. With a view to improve R&D process, Edison Opto develops the vertical platform on **TEMOTM** (Thermal. Electrical. Mechanical. Optical) to ensure the quality of products and services; Furthermore, Edison Opto creates **LDMSTM** (Lighting Design Manufacturing Service) from light source to luminaire manufacturing, to serve our customers a quality experience of customized solutions.



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