

HIGH BAY: HL

DATASHEET



HL 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, powers, control, accessories and mounting. HL series high bay light provides safe, appropriate and secure lighting ambiance in industrial application and it is the smart choice for any new or retrofit installations.

Advantage

- Die-cast aluminum, high heat dissipation.
- Sleek design, less prone to dust and water accumulation.
- Multiple installation options.
- Supports PIR and microwave sensor smart modes extension

Application

- Workshops
- assembly line
- Public indoor areas (airports, stations)
- Logistics storage
- Industrial and commercial halls

Features

- Power: 100W - 200W
- CCT: 3000K - 5700K
- 150 Lm /W
- IP65, IK08
- warranty 5 years
- CB, CE





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Specification Information

- Optical parameters**

| Model No. | HL2-100W | HL2-150W | HL4-200W |
|------------|---------------------|----------|----------|
| Power | 100W | 150W | 200W |
| Lumen | 15000Lm | 22500Lm | 30000Lm |
| Efficiency | 150Lm/W* | | |
| CCT | 3000K, 4000K, 5700K | | |
| CRI (Ra) | ≥70 | | |
| SDCM | ≤6 | | |
| Beam angle | 90° | | |

- Electrical parameters**

| | |
|------------------|--|
| Input voltage | AC100-240V 50/60Hz |
| Power Factor | > 0.95 |
| Surge Protection | L-N:4KV, L/N-G:6KV |
| Smart sensors | Microwave Sensor& PIR sensor(optional) |
| Dimmable | 1-10V, PWM, Timer dimming (optional) |

- Mechanical parameters and key materials**

| | |
|-----------------|--|
| Housing | ADC12 die-cast aluminum, surface spray color: RAL9023 gray |
| Cover Lens | UV-resistant PC |
| LED Brand/Model | EDISON 2835 |
| LED Driver | EDISON |

- General parameters**

| | |
|-----------------------|---|
| Mounting | Hoisting, (optional) pole mounting, (optional) bracket mounting |
| Operating Temperature | -20 ~ +50°C |
| Storage Humidity | 10% ~ 85% |
| Protection | IP65, IK08 |
| Electric class | Class I |
| Warranty | 5 years |
| Lumen Maintenance | 50,000 hours at L70 |
| Certification | CE, CB |

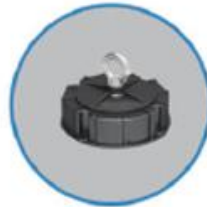
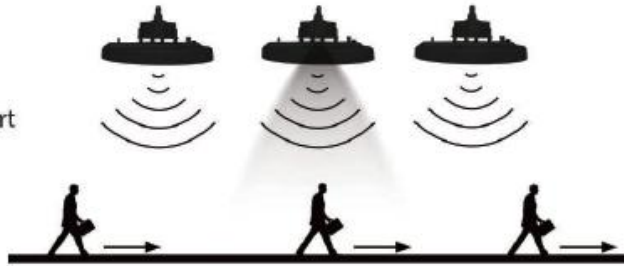
*Efficiency rated at CCT above 4000K

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

Features

Smart and Saving

Numerous sensor options for smart upgrade and high energy saving

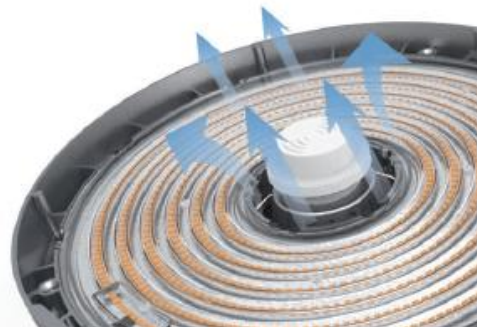


Flexible Driver Option

Numerous driver options for wide range of application

Thermal Management

Excellent thermal management system and heat radiation ensures long lifetime and high efficiency



Accessories optional



Wiring Connector



Safety Chain



Anti-glare reflector



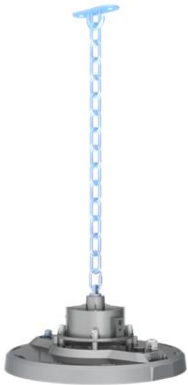
Rings



Wall bracket



Top mount bracket

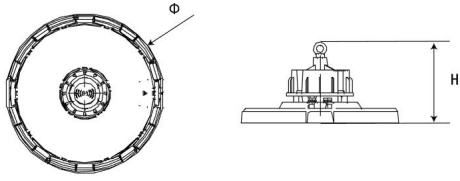


Ceiling rings (hoisting)



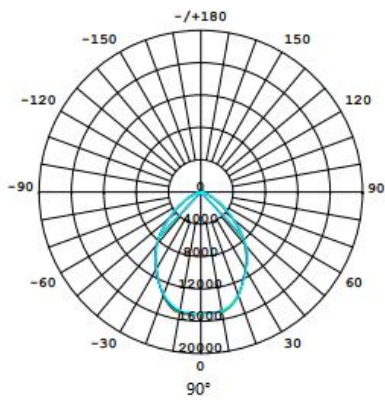
Ceiling hanger (rod mounted)

Dimensions



| Model No. | HL2 | HL4 |
|-----------|---------|-------|
| Φ | 308mm | 380mm |
| H | 138.5mm | 149mm |

Light distribution





Packaging Information

| Model No. | HL2 | HL4 |
|------------------------|-------------|-------------|
| Package dimension (mm) | 360x360x185 | 430x430x195 |
| N. Weight (kg) | 2.75 | 3.65 |
| G. Weight((kg) | 3 | 4 |
| Packing | 1pc/carton | 1pc/carton |

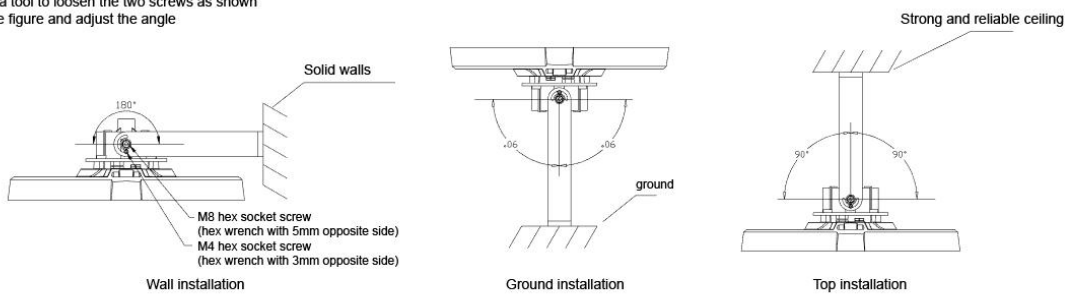
User manual

Use pole hoisting

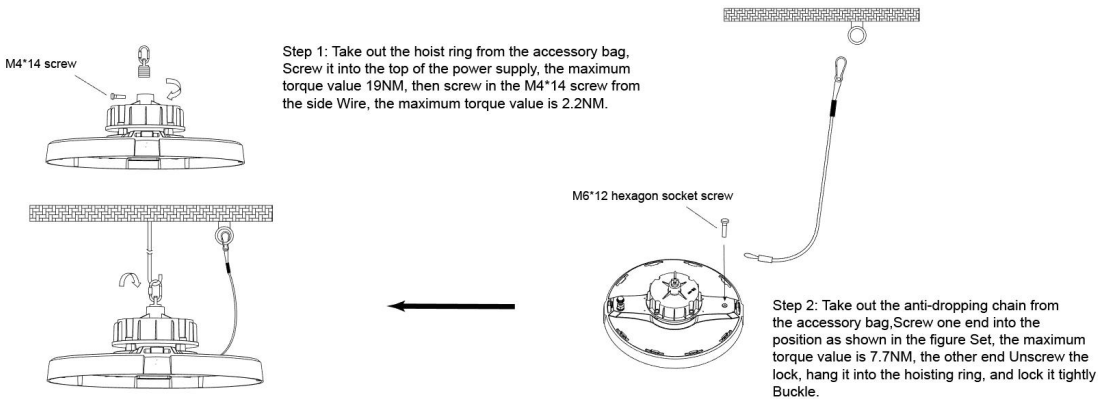


Accessories installation (Wall bracket)

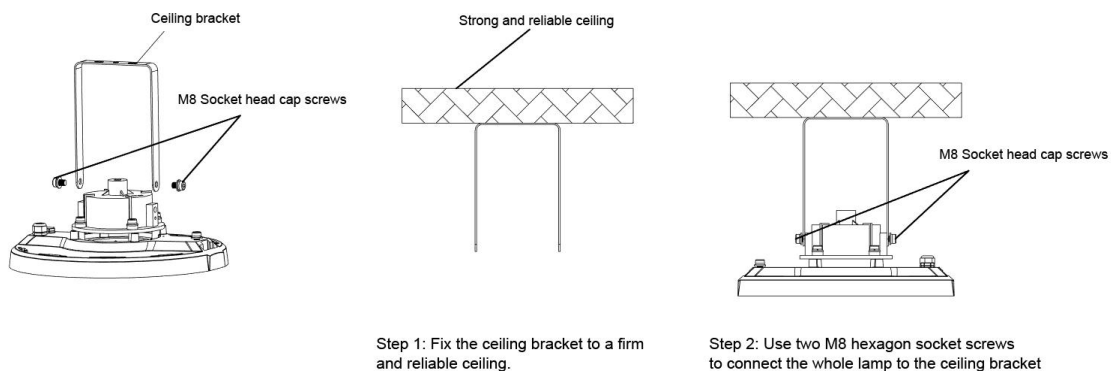
Use a tool to loosen the two screws as shown in the figure and adjust the angle



Accessories installation (Rings & Safety Chain)



Accessories installation (Top mount bracket)



Revision History

| Versions | Description | Release Date |
|----------|-------------|--------------|
| 1.0 | NEW | 2023/10/30 |
| 2.0 | 删除 240W | 2024/1/19 |

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 **TEMO™** (Thermal . Electrical . Mechanical . Optical) to ensure the quality of products and services; Furthermore, Edison Opto creates **LDMS™** (Lighting Design Manufacturing Service) from light source to luminaire manufacturing, to serve our customers a quality experience of customized solutions.



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