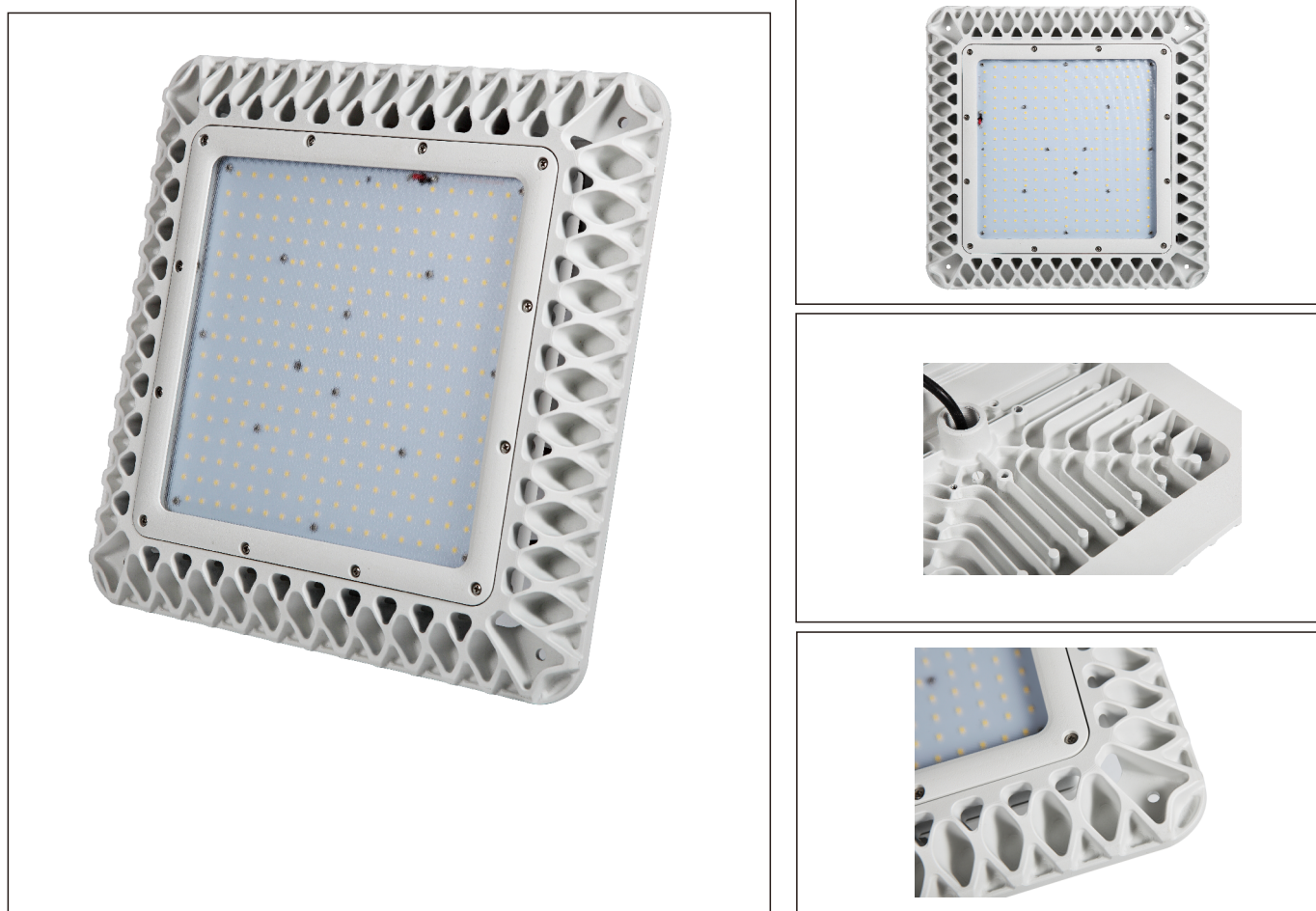


# LED CANOPY LIGHT

## Product picture



## Introduction

- Automatic dimming when used in combination with 1-10V dimmable LED drivers or ballasts.
- Built-in adjustable daylight sensor.
- 1-10V interface can match up with Merrytek stand-alone daylight sensor HG-HL dimming and achieve daylight harvesting.
- Detection area, time delay and daylight threshold can be precisely set via DIP switch.
- Wide detection area, range up to 16m in diameter and mounting height 15m Max. suitable for warehouse use. Optional mounting brackets for different application.



Max. 8M



Hold Time  
5s~30min



Mounting Height  
15m Max.



Automatic  
Dimming



5 Years  
Guarantee

The OL-HL Dimming sensor is innovative and active motion detectors with HF system 5.8GHz. Motion can be detected through plastic, glass and thin non-metal materials, except the higher mounting height 15m Max. The sensors allow energy saving without compromising comfort.

When used in combination with 1-10V dimmable LED drivers or ballasts, they can achieve 3-step dimming function, which is perfect for use in some areas that requires a light change notice before totally switch off. Also, the 1-10V interface in the sensors can match up with Merrytek stand-alone daylight sensor MS01, and implement daylight harvesting, means the lighting system has automated controls that either turn off or dim artificial light in response to the available daylight in the space.

## Product features

- 1、European and American design style, high quality aluminum die casting, painting process, round shape design, never fade, cracking prevention.
- 2、Circulation cooling design, aluminum casting process, high index, low heat resistance, low decay long life.
- 3、SMD3030 led chips, high CRI, low luminance decrease, high light efficiency 130lm/w, brighter luminance and longer lifespan.
- 4、SOSEN-C series driver, fierce structure, good heat dissipation, high power factor, also can match with smart control system like Dali and ZigBee. Voltage of resistance to surge is 6000V, surge current is 65A.

# LED CANOPY LIGHT

## Product Applications

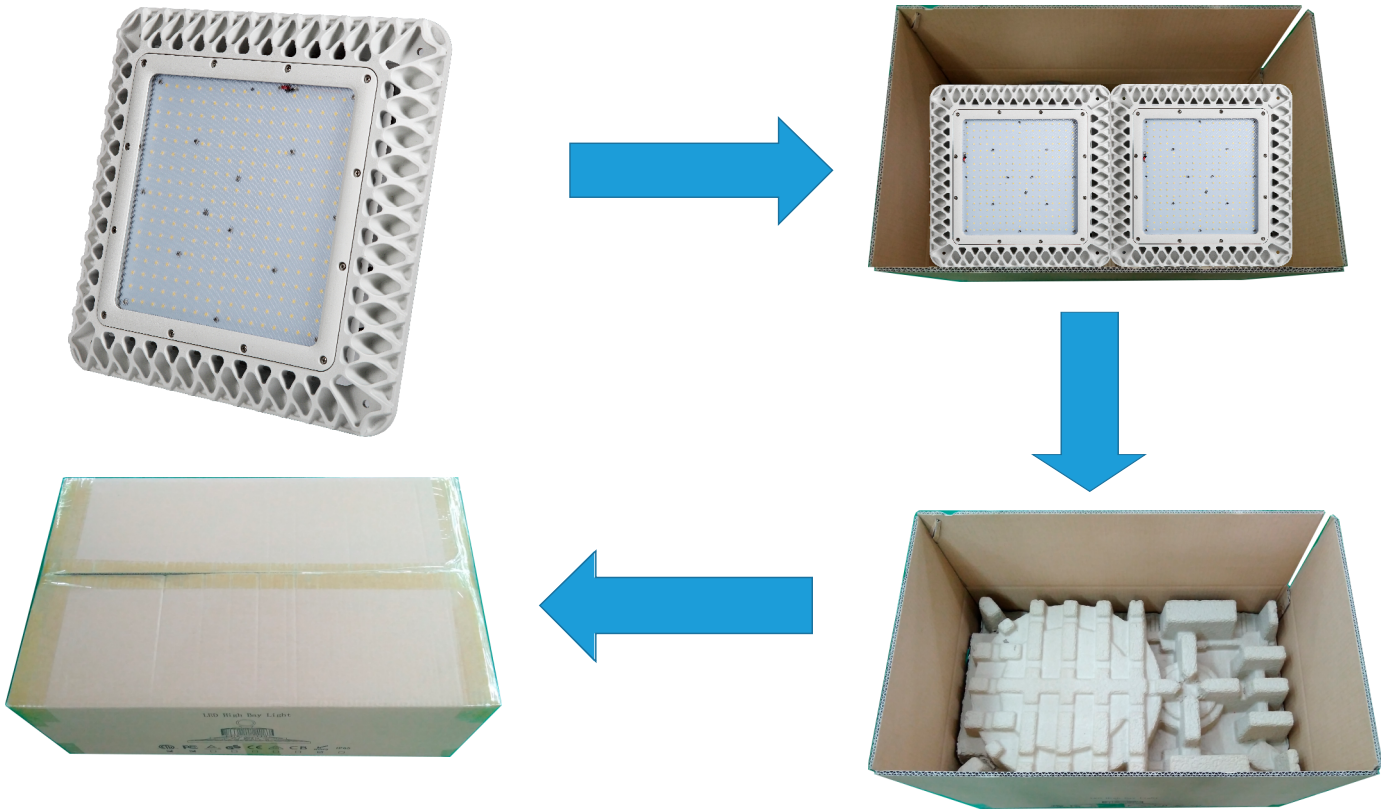
LED Canopy light series can be widely used in Industry、 Gas station、 Large commercial facilities、 Public、 Logistics Center.



## Technical Parameters

| Part No.    | ProductDimension(mm) |     |    | Working Temperature | Light Angle | Lifespan | Input Voltage             | Power | CCT(K)         | CRI      | Luminous Flux(Lm) | Effectof light(Lm/W) | PF   | IP Rate |
|-------------|----------------------|-----|----|---------------------|-------------|----------|---------------------------|-------|----------------|----------|-------------------|----------------------|------|---------|
|             | L                    | W   | H  |                     |             |          |                           |       |                |          |                   |                      |      |         |
| OL-100W-S-C | 380                  | 380 | 60 | -20℃-40℃            | 120°        | 50,000H  | AC100-277V/<br>AC200-480V | 100W  | 4000/5000/6000 | Ra>70/80 | 12000-14000       | 130                  | >0.9 | IP65    |
| OL-130W-S-C | 380                  | 380 | 60 | -20℃-40℃            | 120°        | 50,000H  | AC100-277V/<br>AC200-480V | 120W  | 4000/5000/6000 | Ra>70/80 | 14000-16000       | 130                  | >0.9 | IP65    |
| OL-150W-S-C | 380                  | 380 | 60 | -20℃-40℃            | 120°        | 50,000H  | AC100-277V/<br>AC200-480V | 150W  | 4000/5000/6000 | Ra>70/80 | 18000-22000       | 130                  | >0.9 | IP65    |
| OL-200W-S-C | 380                  | 380 | 60 | -20℃-40℃            | 120°        | 50,000H  | AC100-277V/<br>AC200-480V | 200W  | 4000/5000/6000 | Ra>70/80 | 24000-27000       | 130                  | >0.9 | IP65    |

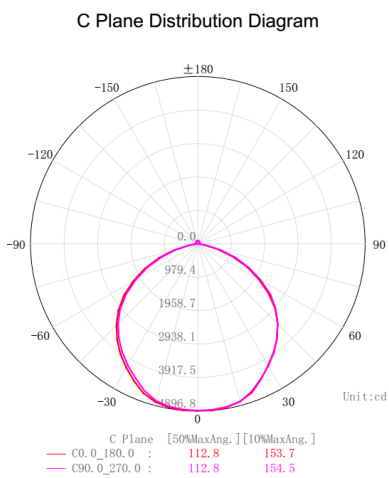
## Packing



# LED CANOPY LIGHT

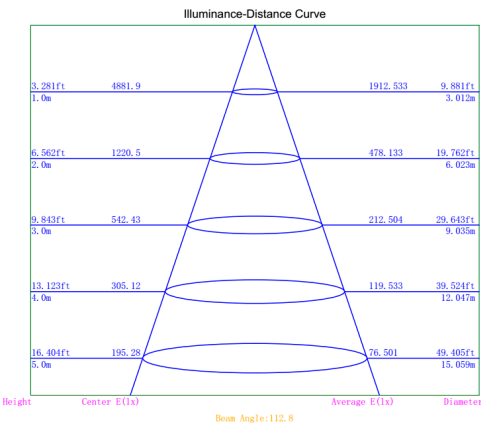
## Photometry

Light distribution curve drawing

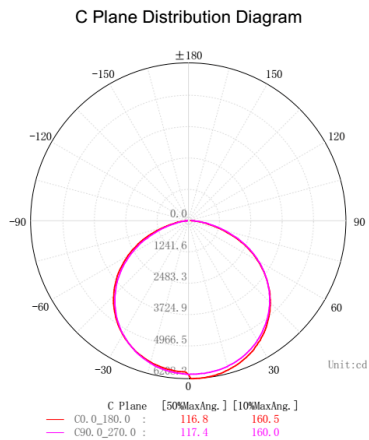


Note: Light distribution curve drawing for OL-100W

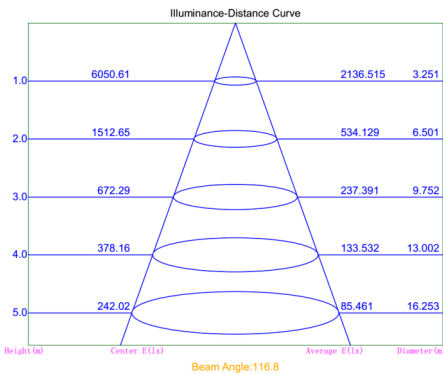
Illumination Distribution Drawing



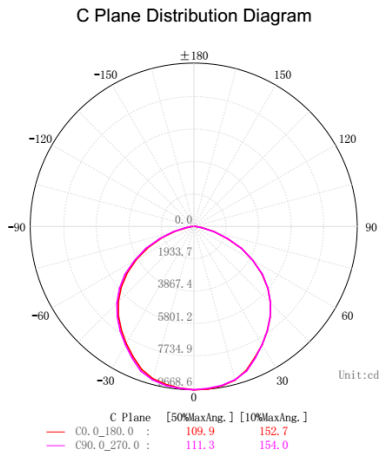
Note: Illumination distribution drawing for OL-100W



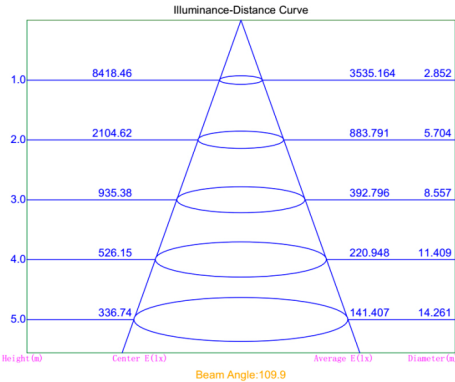
Note: Light distribution curve drawing for OL-150W



Note: Illumination distribution drawing for OL-150W



Note: Light distribution curve drawing for OL-200W



Note: Illumination distribution drawing for OL-200W

## Packing details

| No. | Part No.    | N.W(±0.2) | Inner Box Dimension | Qty/ctn | Outer Carton Dimension |
|-----|-------------|-----------|---------------------|---------|------------------------|
| 1   | OL-100W-S-C | 8.4Kg     | -                   | 2PCS    | 640*410*240mm          |
| 2   | OL-120W-S-C | 9.4Kg     | -                   | 2PCS    | 640*410*240mm          |
| 3   | OL-150W-S-C | 10.4Kg    | -                   | 2PCS    | 640*410*240mm          |
| 4   | OL-200W-S-C | 13.2Kg    | -                   | 2PCS    | 775*495*245mm          |