



PHILIPS
LUMILEDS

Features

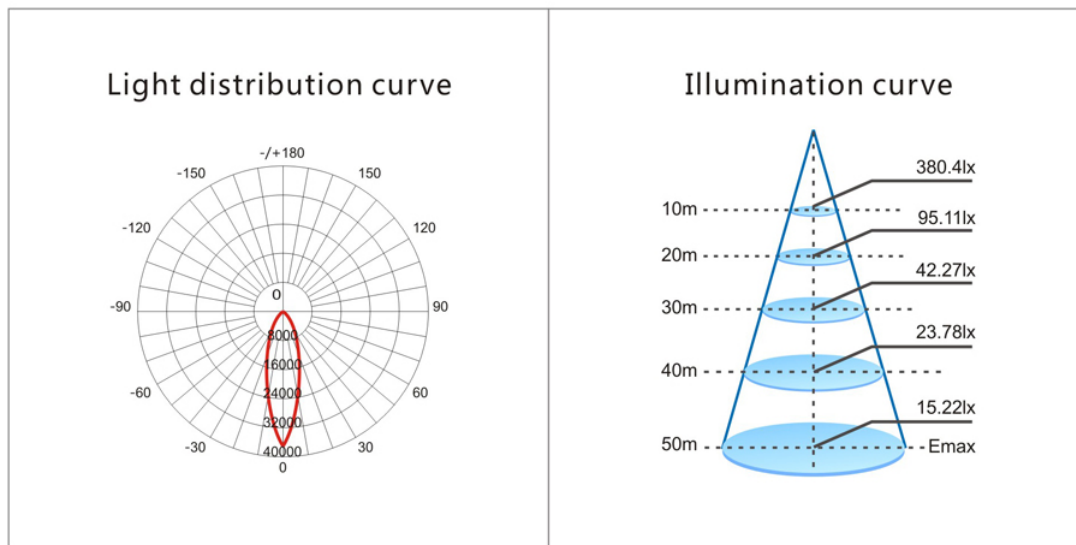
- Pure Copper heat pipes directly touch the heat source which would quickly transfer heat to the heatsink with the heat transfer rate over 200 times of the aluminum radiator
- Different sizes reflector option, 25° 60° 90° 100° 110° totally six size of the scale-type reflector which could effectively improve the lighting efficiency
- Four easy installation methods
- PHILIPS 3030 as light source, high efficiency and 80-90Ra

Application



Widely used for high bay lighting: factories, workshops, warehouses, logistics centers, exhibition halls, stadiums, shipyards, mines, highway toll stations, gas stations, supermarkets, farmers' markets and so on

Light Distribution Curve



SPEC Date Sheet

| SKU | WQF-GKD60W01 | WQF-GKD100W01 | WQF-GKD150W01 | WQF-GKD200W01 |
|---------------------|-------------------------------------|----------------|----------------|----------------|
| Power | 60W | 100W | 150W | 200W |
| Lumen | 6000~6600 lm | 10000-11000 lm | 15000-16500 lm | 20000-22000 lm |
| Power factor | >0.95 | | | |
| Input voltage | 85-265 VAC | | | |
| LED driver | Mean Well or CE Passed Driver | | | |
| CCT | 2700K ~ 7000K | | | |
| CRI | Ra=80~85 | | | |
| Luminous efficiency | 100~110 lm/w | | | |
| LED brand | PHILIPS SMD 3030 | | | |
| Housing color | Black heatsink and Silver Reflector | | | |
| IP grade | IP54 | | | |
| Beam angle | 25°/60°/90° /100° /110° | | | |
| Material | Aluminum | | | |
| Working temperature | -25°C ~ +50°C | | | |
| Lifespan | 50000 Hours | | | |
| Warranty | 3-5 Year | | | |

LED Heat sink



1. Fixed by rotatory buckle, easily installed without tools

The reflector could be disassembled and transported separately; with small size heatsink, is able to reduce at least 50% of the freight charges under the same conditions.

2. Two types cover option

Frosted & transparent PC cover, with high light transmittance, good flame-retardance, wear-resistance and oxidation resistance.

3. Curved design for better heat dissipation performance

The curved design increase the cooling area that dissipate the heat quickly.

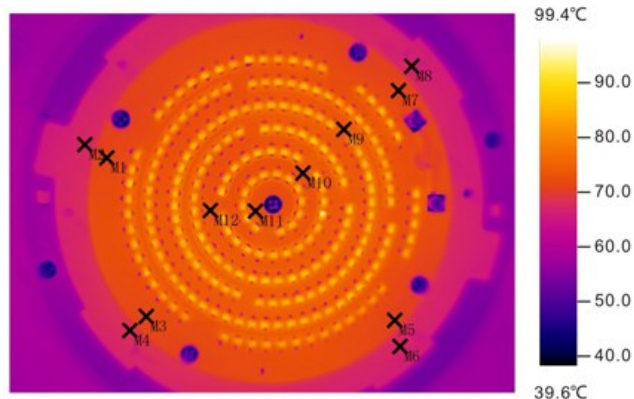
4. Supporting for both Square and Round Power Supply

It is adaptive to most of the square and round shape driver in the market. For square driver, should no more than 72mm wide and 47mm high.

Thermal Test

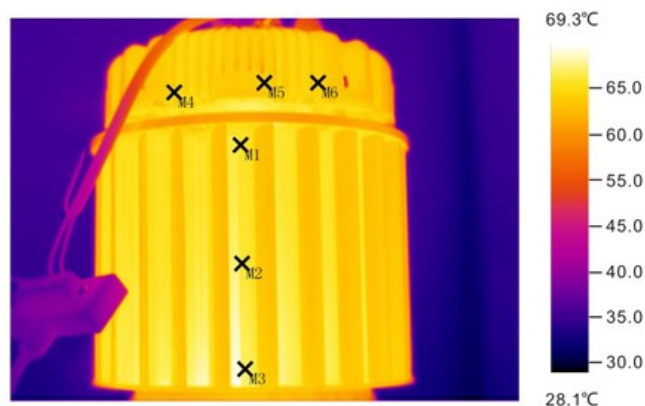
Ambient temperature : 31°C

Testing duration: 16 Hours



Average temperature of PCB : 74°C

Average junction temperature of LED chips : 85°C



Average temperature of heatsink : 65°C

Average temperature of driver : 62.5°C

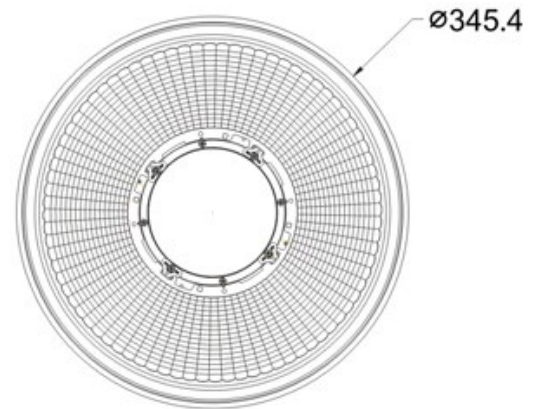
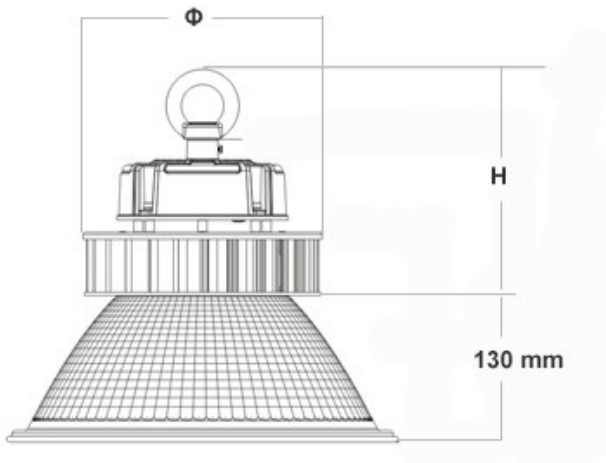
Product Packing

| SKU | Power | PCS/CTN | Net Weight | Gross Weight | Heat Sink Packing |
|---------------|-------|---------|------------|--------------|-------------------|
| WQF-GKD60W01 | 60W | 1 | 3.5 KG | 3.7 KG | 29*23*23cm |
| WQF-GKD100W01 | 100W | 1 | 4.1 KG | 4.4KG | 31*23*23cm |
| WQF-GKD150W01 | 150W | 1 | 5.2 KG | 5.5 KG | 38*23*23cm |
| WQF-GKD200W01 | 200W | 1 | 5.9 KG | 6.3 KG | 38*23*23cm |

Reflector Packing

46cm*46cm*25cm(20 pcs per carton)

Product Dimension (unit: mm)



| SKU | WQF-GKD60W01 | WQF-GKD60W01 | WQF-GKD60W01 | WQF-GKD60W01 |
|-----------|--------------|--------------|--------------|--------------|
| Size: Φ*H | 211*233 | 211*253 | 211*283 | 211*333 |