

**SAFELINE**  
We illuminate your future

# DOWNLIGHT



**MODEL:SL-C106**

7W/10W/15W/20W/30W/40W



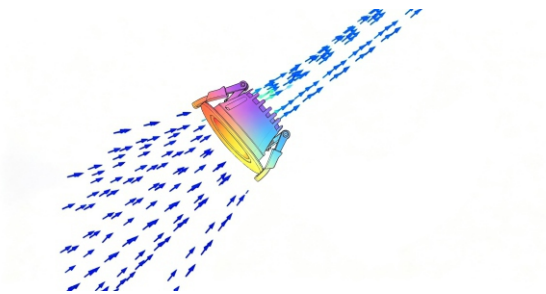
intertek

## OVERVIEW

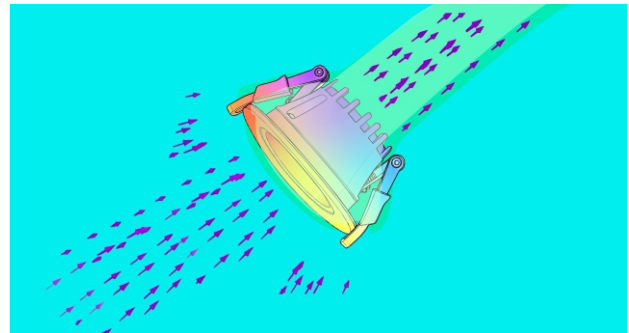


## THERMAL MANAGEMENT

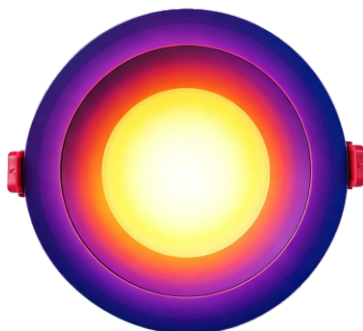
Structure is optimized by advanced FEA technology. Achieving longer lifespan at best cost-efficiency.



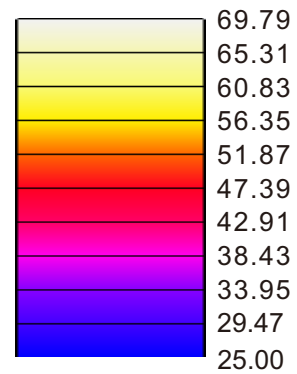
Thermal Air Convection



Thermal Effects to Air



Thermal Conductivity



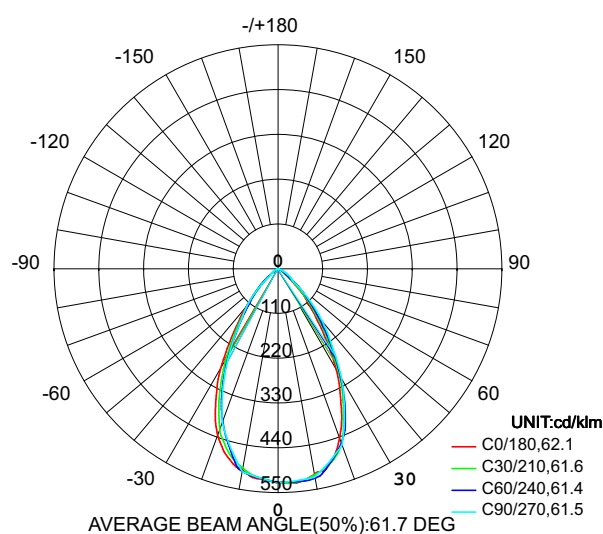
Unit: °C

# LUMINAIRE PHOTOMETRIC TEST REPORT

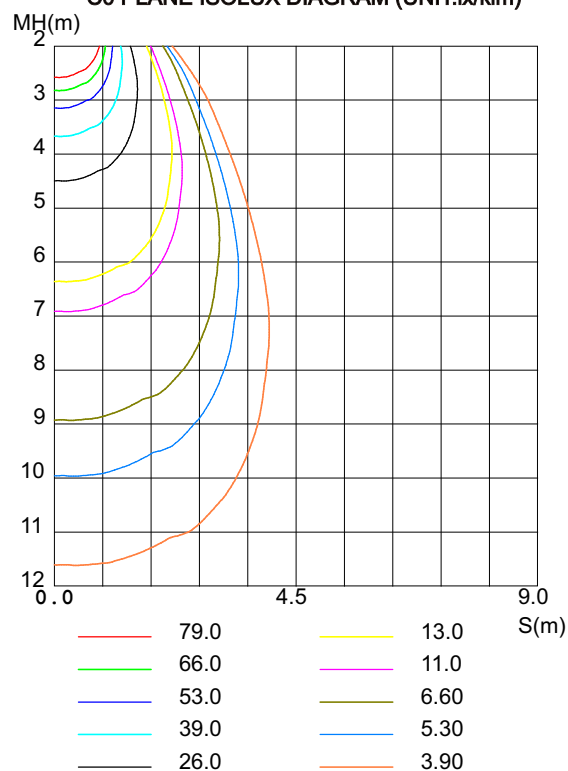
MODEL: SL-C106 TYPE: 3000K

| DATA OF LAMP     |            | PHOTOMETRIC DATA   |        |                   |          | Eff: 79.05 lm/W |
|------------------|------------|--------------------|--------|-------------------|----------|-----------------|
| MODEL            | SL-C106-7W | Imax(cd/klm)       | 527.8  | S/MH(C0/180)      | 0.92     |                 |
| NOMINAL POWER(W) | 7          | LOR(%)             | 55.7   | S/MH(C90/270)     | 0.87     |                 |
| RATED VOLTAGE(V) | 220.0      | TOTAL FLUX(lm/klm) | 557.14 | η UP,DN(C0-180)   | 0.0,29.9 |                 |
| NOMINAL FLUX(lm) | 1000       | CIE CLASS          | DIRECT | η UP,DN(C180-360) | 0.0,25.8 |                 |
| LAMPS INSIDE     | 1          | η up(%)            | 0.0    | CIBSE SHR NOM     | 0.75     |                 |
| TEST VOLTAGE(V)  | 220.0      | η down(%)          | 55.7   | CIBSE SHR MAX     | 0.95     |                 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx/klm)



H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3°C

V(B) Range:-90 - 90DEG  
V(B) Interval: 2.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.471  
Humidity:65.0%  
Test Distance:8.431m [K=1.0000] Remarks:

# SPECIFICATIONS



## PARAMETERS

| model           | SL-C106-7W        | SL-C106-10W | SL-C106-15W | SL-C106-20W | SL-C106-30W | SL-C106-40W |
|-----------------|-------------------|-------------|-------------|-------------|-------------|-------------|
| Lamp Power      | 7W                | 10W         | 15W         | 20W         | 30W         | 40W         |
| Diameter        | Φ 93mm            | Φ 109mm     | Φ 135mm     | Φ 163mm     | Φ 192mm     | Φ 225mm     |
| Cutout Size     | Φ 75mm            | Φ 95mm      | Φ 115mm     | Φ 140mm     | Φ 160mm     | Φ 190mm     |
| Material        | Aluminium         |             |             |             |             |             |
| Body Color      | Black/White       |             |             |             |             |             |
| Beam Angle      | 30° - 80°         |             |             |             |             |             |
| Light Source    | Sa' an            |             |             |             |             |             |
| Luminous Flux   | 110-120lm/W       |             |             |             |             |             |
| CRI             | Ra≥80             |             |             |             |             |             |
| LED Color (CCT) | 3000K/4000K/6500K |             |             |             |             |             |
| Driver Type     | Isolated drive    |             |             |             |             |             |
| Input Voltage   | AC100-240V        |             |             |             |             |             |
| PF              | ≥0.5              |             |             |             |             |             |
| Frequency       | 50/60Hz           |             |             |             |             |             |
| IP Grade        | Ip20              |             |             |             |             |             |
| Life Time       | 30000H            |             |             |             |             |             |
| Warranty        | 3Years/5Years     |             |             |             |             |             |

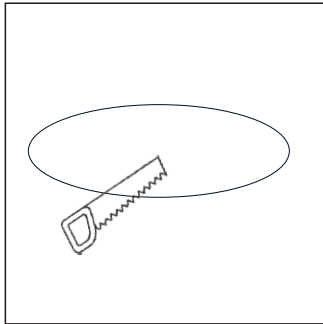
## PACKING DETAILS

| Lamp Power  | PCS/CTN | Packing Size(CM) | CBM  | 40HQ/PCS |
|-------------|---------|------------------|------|----------|
| SL-C106-7W  | 100     | 53*52.5*21.5CM   | 0.06 | 1137     |
| SL-C106-10W | 50      | 60.5*30*25CM     | 0.05 | 1499     |
| SL-C106-15W | 40      | 58.5*35.5*30CM   | 0.06 | 1091     |
| SL-C106-20W | 30      | 53*37.5*36CM     | 0.07 | 950      |
| SL-C106-30W | 20      | 43.5*42*42CM     | 0.08 | 886      |
| SL-C106-40W | 20      | 50.5*48*48CM     | 0.12 | 584      |

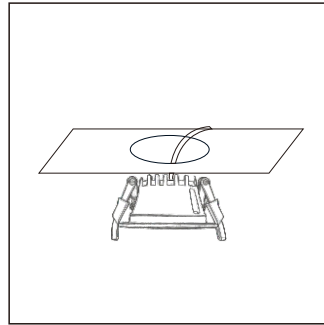
## PACKAGINS



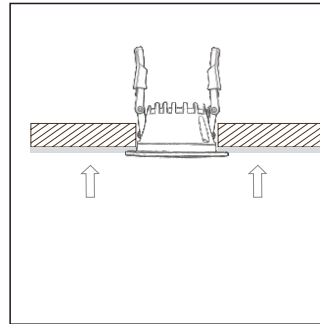
## Installation Type



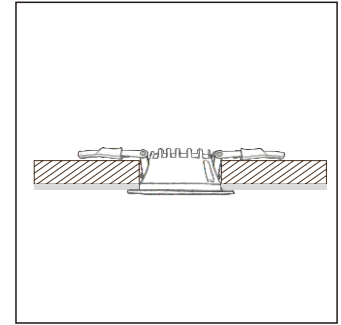
1. Drill holes in the ceiling according to the specifications of the lighting fixtures



2. Disconnect the power supply and connect the power cord to the mains power supply

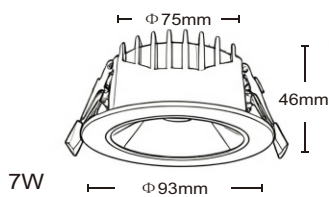


3. Push it into the installation hole in the direction of the arrow as shown in the diagram

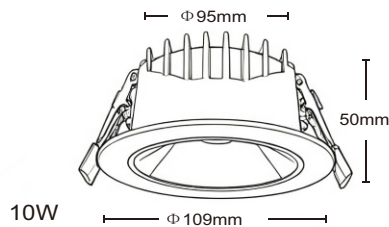


4. Installation completed

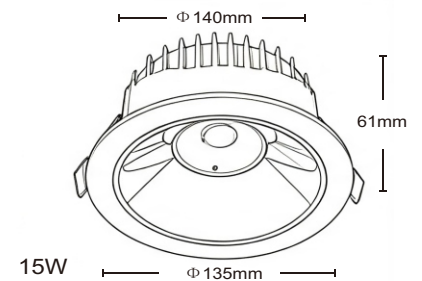
## DIAGRAMS



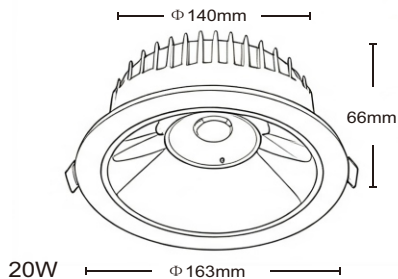
7W



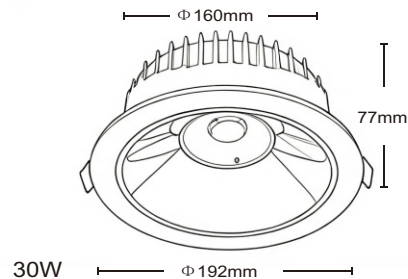
10W



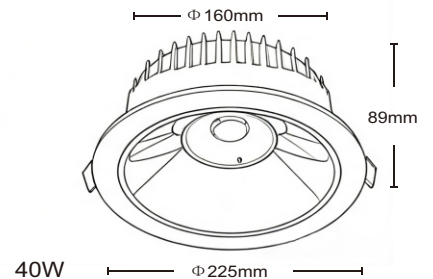
15W



20W



30W



40W



## FEATURES

1.AC100-240V

2.LED chip :  
BRIDGELUX CHIP/OSRAM CHIP



OSRAM

3.Driver brand:LIFUD/EAGLERISE

LIFUD®

EAGLERISE  
伊戈尔

4.IP20 Suitable for indoor use

5.Export certificate is available

6.die-cast aluminum lamp body



EMG REACH EEL IECEE

## CAUTIONS:

1. Installation must be done by professional electricians .
2. Do NOT take apart the product. It may be dangerous.
3. Do NOT stare at the light with naked eyes. It is harmful to the eyes  
It is harmful by our own to repair or replace without any charge.

## WARRANTY:

- 1.The manufacturer guarantees the down lights to be free from material and workmanship defects for a period of 3 or 5 years
2. Warranty becomes void if the products is modified, improperly installed or used, damaged by accident or neglect, or if any parts are improperly installed or replaced by the user.
3. During the warranty time, if the products fails at normal environment and we will repair or replace it free of charge at our discretion

