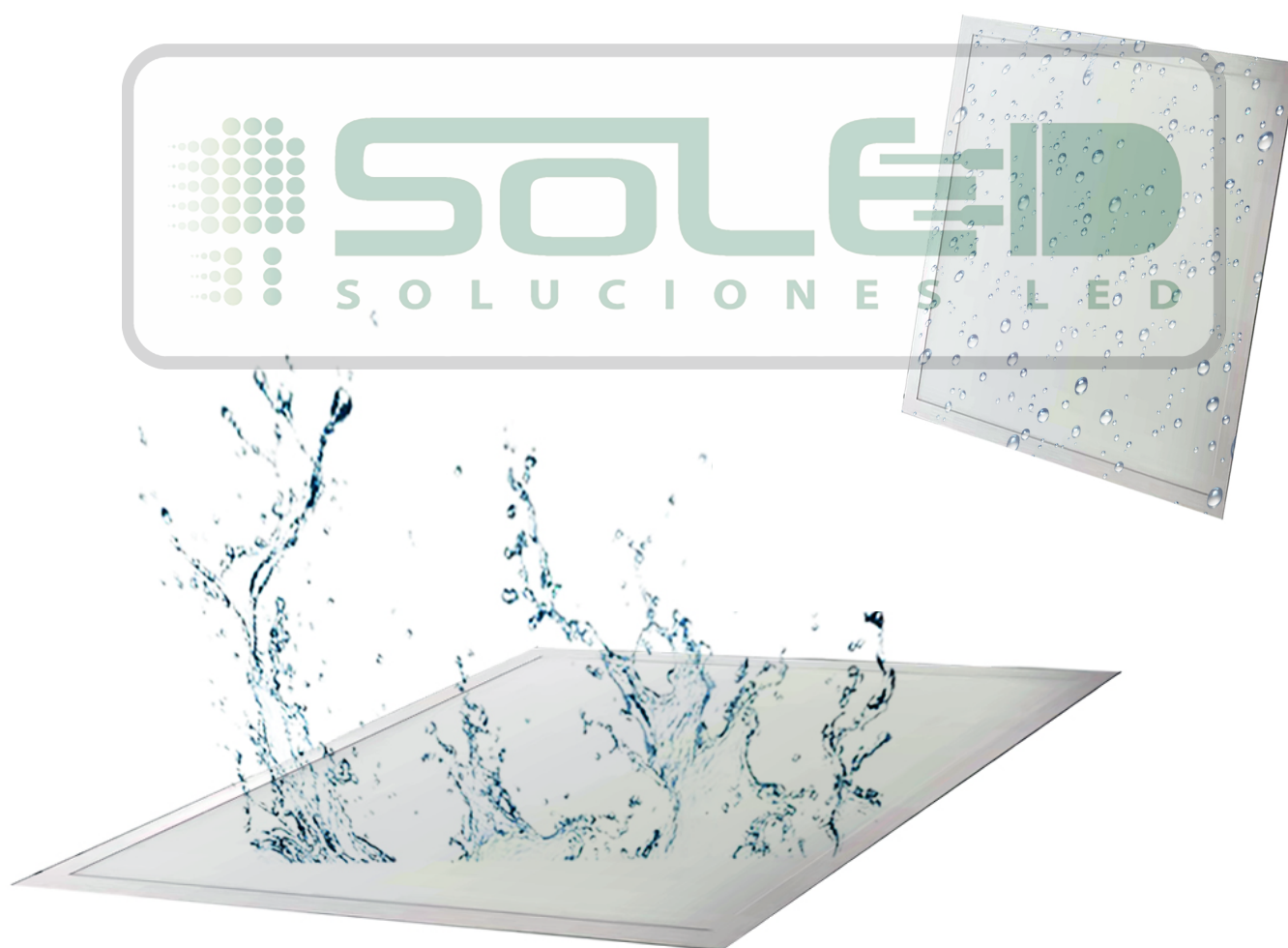




# IP65

## LED Panel Light





# Introduction



In applications where hygiene is crucially important, such as hospitals and food production facilities, IP65- luminaires are safe to use and come at an attractive price. This family of fixtures represents true value for money: LED IP65 panel light delivers reliable , high-quality light, and the flexible mounting possibilities mean that this family can be used in a wide range of applications.

## Advantage:

Triple waterproof=structural waterproof+silicone waterproof+layering waterproof

## Features:

- IP65@TUV, structure waterproof
- Lumen output: 4000lm@4000k CRI80
- Luminous efficacy: stand 105lm/w, up to 125lm/w
- Installation: Suspended / Recessed/surface mounted
- CRI80/CRI90, UGR<19/UGR22 under request

## Application notes

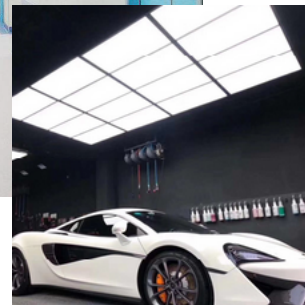
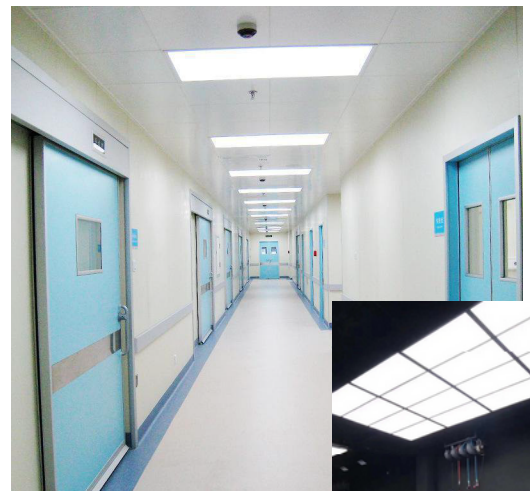
- IP65 for indoor use only
- Professional electrician for installation only
- Switch off before installation
- Keep away from hot steam and corrosive gas
- Use waterproof key to connect with electric supply

## Application Areas

Operating Room / Food Factory / Farm / Chicken Factory  
 / Bathroom / Kitchen / Laboratory / Hospital  
 / Clean Room / Indoor Swimming Pool  
 / Fitness Room etc.

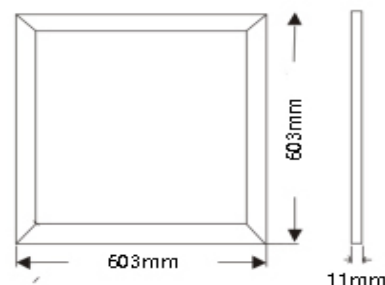
## Certificates

**CE RoHS SAA CB**





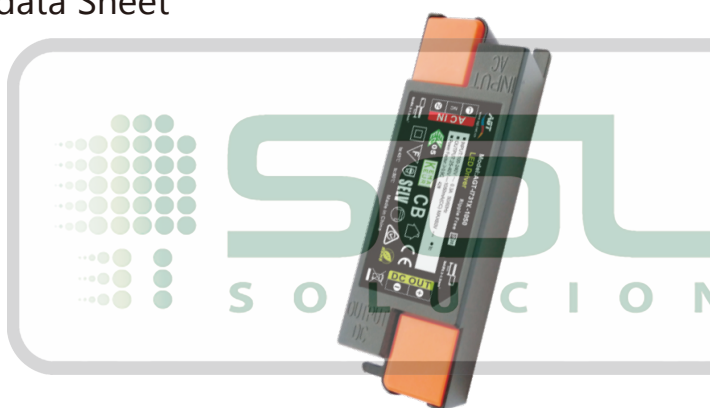
# Product Information



## Technical Specifications

| Model   | Voltage    | Power | Power Factor | Lumen (±5%) | CCT   | Beam angle      | Lifespan | CRI | IP Grade | Dimension    |
|---|------------|-------|--------------|-------------|-------|-----------------|----------|-----|----------|--------------|
| LED PANEL IP65 40W  | AC100-240V | 40W   | ≥0.9         | 4000        | 6000K | 80°<br>(UGR<19) | 50000h   | ≥80 | IP65     | 603*603*11mm |
| 295*295, 595*595, 620*620, 295*1195, 595*1195 is optional |            |       |              |             |       |                 |          |     |          |              |

## Driver data Sheet



### Product characteristics:

- 100-240VAC input
- Selectable current:1.0A-1.1A
- 25-40V DC output
- PF>0.95@230V , EFF 88%@230V
- Isolated type, flicker- free,constant current design
- Regularly selectable power : 1.05A/25-40V
- Applied to EU standard panel light drivers and downlights
- CERTIFICATE : CE/KMARK/ENEC/SAA/RCM/CB/ROHS



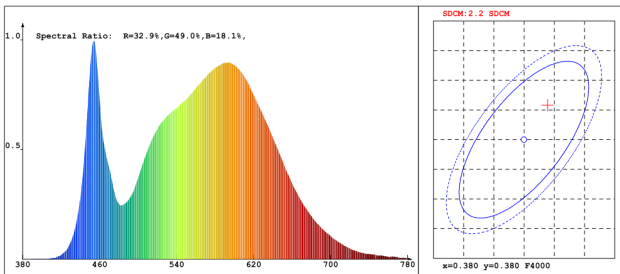
## Fixture Compatibility

| Rated Wattage | Electrical Classification | Ingress Protection | Operating Temp | Operating Humidity | Storage Temp. |
|---------------|---------------------------|--------------------|----------------|--------------------|---------------|
| 40W           | II                        | IP65               | -20°C~45 °C    | 0~90%              | -20°C~65 °C   |

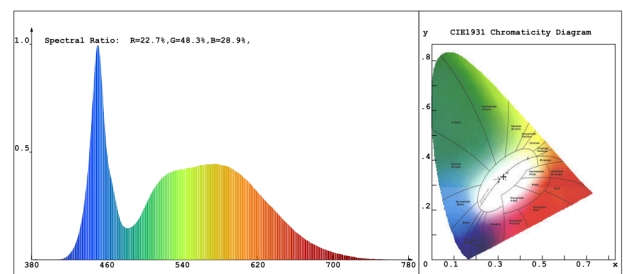


## Spectral Distribution

4000K

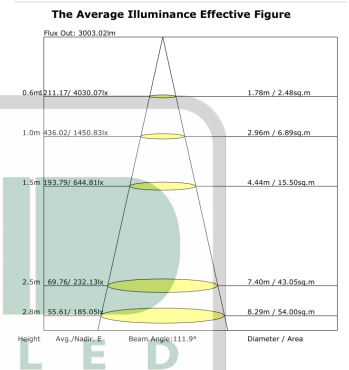
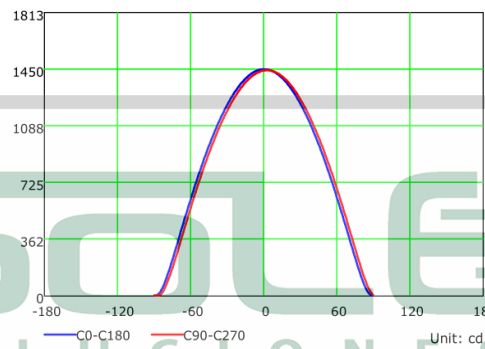
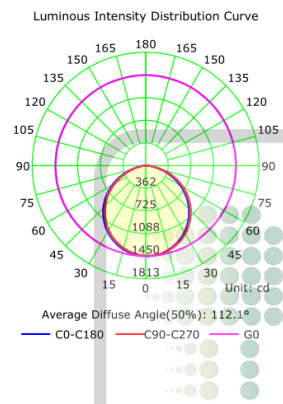


6000K

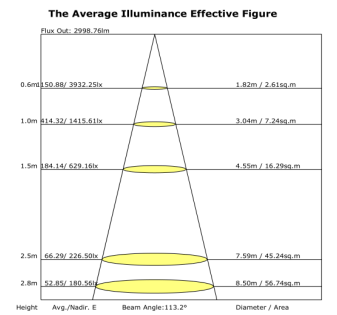
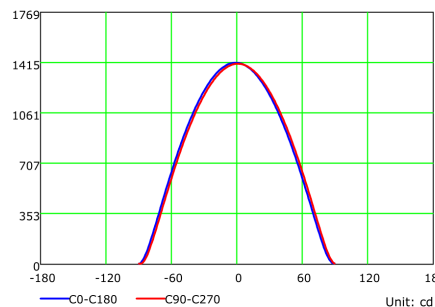
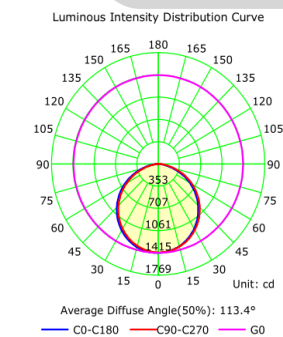


## Photometric Diagram

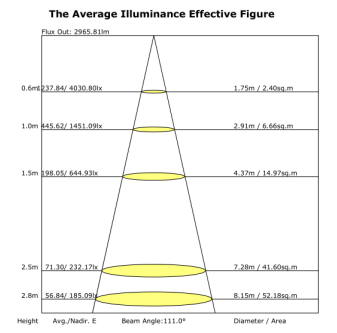
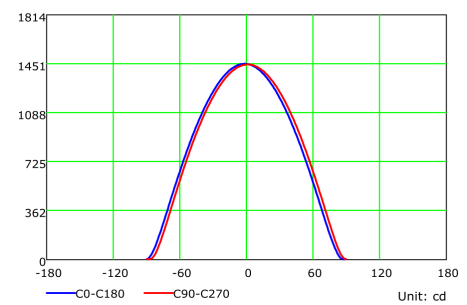
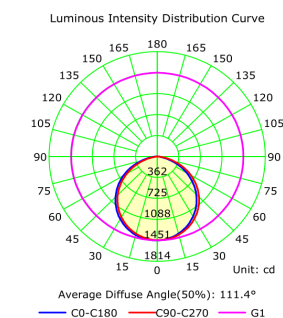
3000K



4000K



6000K

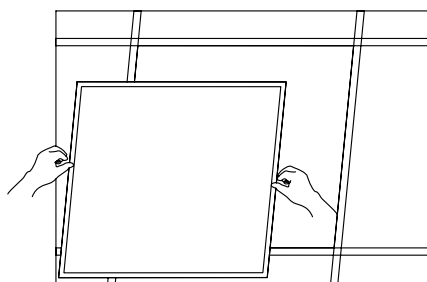




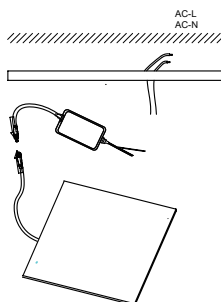


## Installation

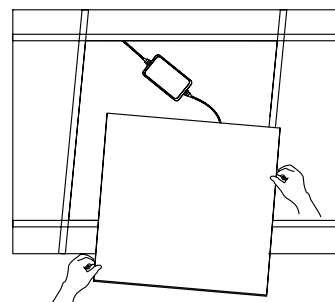
### 1. Recessed into ceiling



1. Remove ceiling plaster slab.

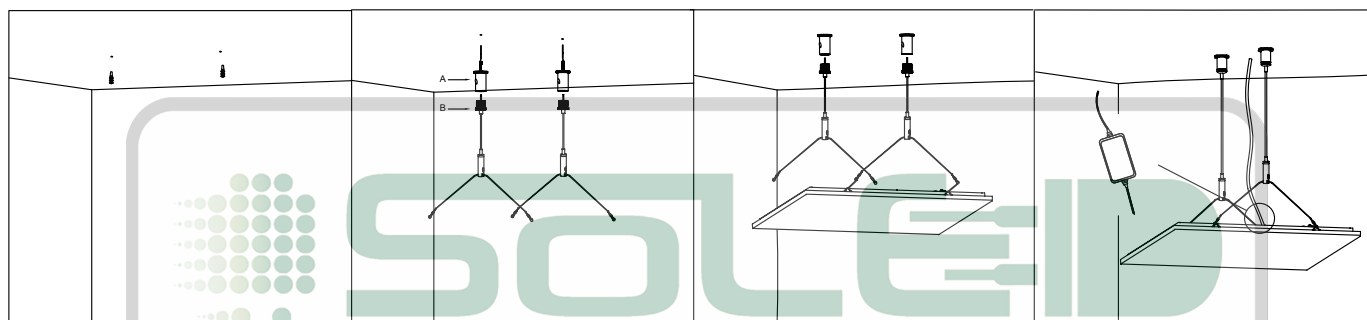


2. Connect the main AC wire L. N to the terminal of driver respectively. Connect the DC plug between driver and panel light.



3. Fix the panel light to the plaster ceiling firmly.  
4. Installation complete, turn on the power.

### 2. Suspending



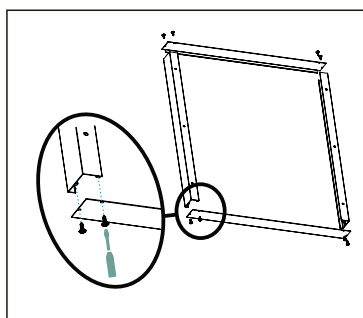
1. Knock the plastic anchor into ceiling.

2. Fix part A with tapping screw to ceiling, Wire rope goes through part B, and then screw B into A.

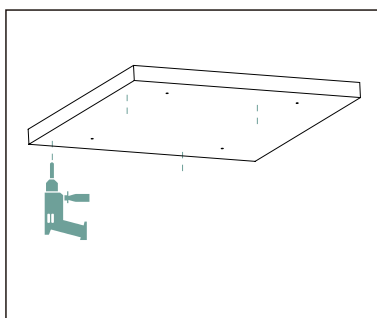
3. Hanging the panel light to the suspending wires, connect the DC plug between driver and panel light.

4. Connect the main AC wire L. N to the terminal of driver respectively.

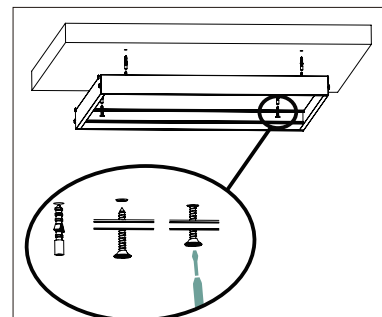
### 3. Surface mounted with frame



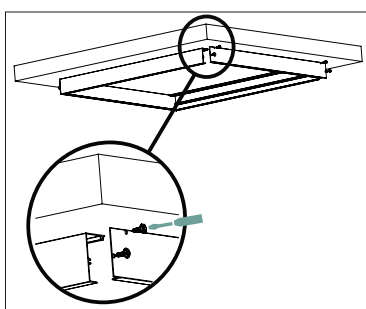
1. Fix the surface mounted frame



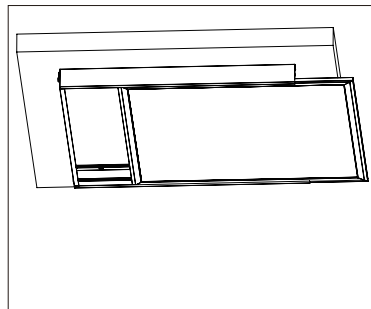
2. Knock the plastic anchor into ceiling.



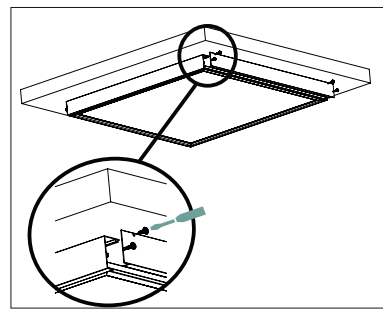
3. Fix the frame on the ceiling.



4. Screw the surface mounted frame.



5. Install the panel into the frame.



6. Finish the installation



## Packaging Information

For 603x603 Panel

|        | SIZE(CM)       | N.W/pc<br>(KGS) | G.W.(KGS) | Q'TY(PCS) |
|--------|----------------|-----------------|-----------|-----------|
| Carton | 69.5*28.5*69.5 | 3               | 18        | 5         |

| Container | CTN | QTY(PCS) | VOLUME(CBM) |
|-----------|-----|----------|-------------|
| 20" GP    | 204 | 1020     | 28          |
| 40" GP    | 408 | 2040     | 56          |
| 40" HQ    | 489 | 2445     | 67          |

