

## FEATURE

SUNNUS elegant and uniquely designed Backlit LED panel light is mainly intended for reducing energy consumption and landscaping high brightness.

The high lighting efficiency can deliver up to 100-110lm/w.

Our panel is easy to install and maintain, and is to replace conventional lights like fluorescent lamps, energy saving lamps and down lights etc.

Especially applied for Office buildings, Supermarkets, Shopping centers, Conference halls, and Hotels etc.

Our warranties are for three years free replace and life time free maintenance .

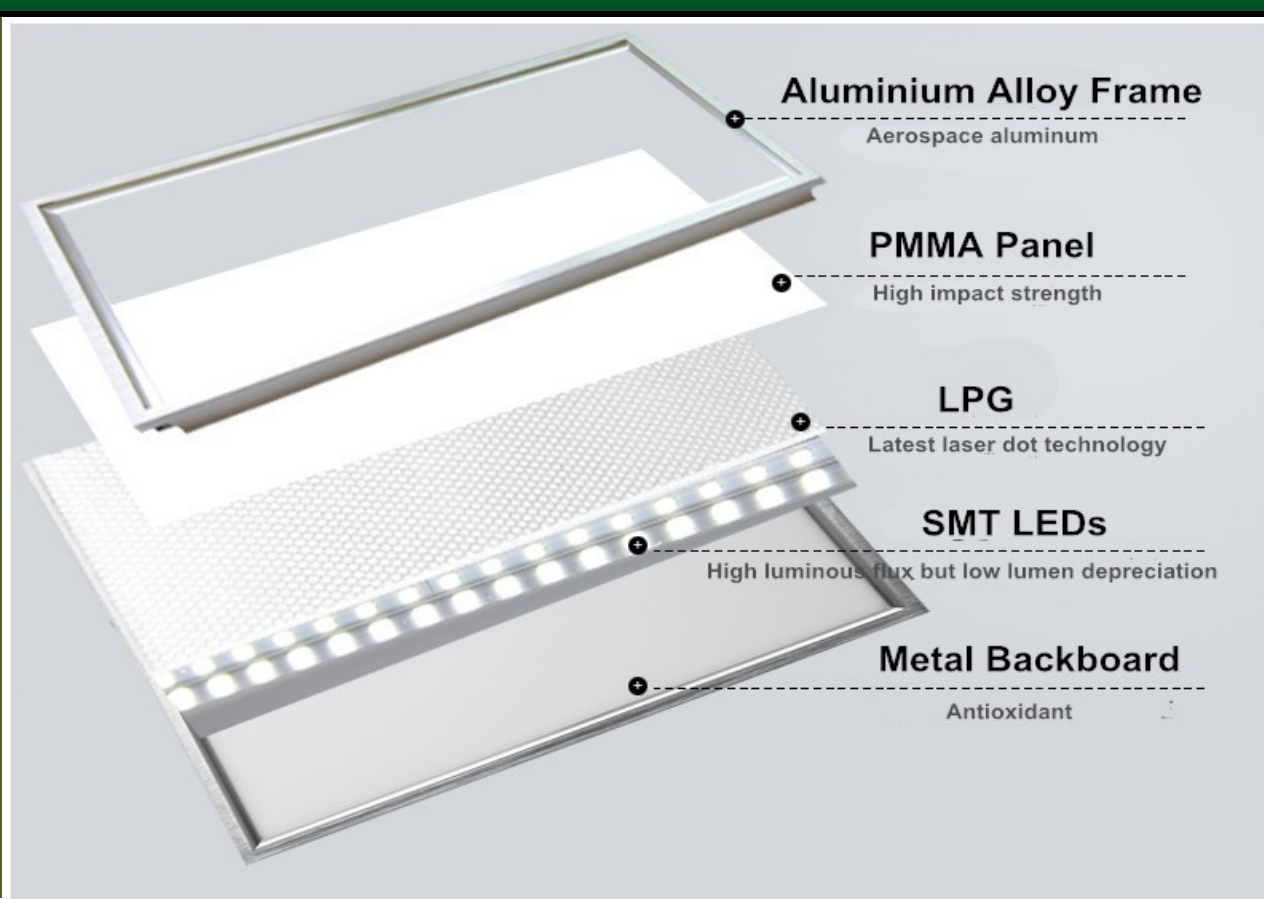
Our products are all strictly EU certificated



## STRUCTURE:

**Application:**

- >Offices
- >Kitchens
- >Libraries
- >Department
- >Stores
- >Restaurants
- >Conference Rooms
- >Hospitals
- >Leisure Centers



## A1: 40W Technical Parameter

|                                |               |                     |                     |                     |
|--------------------------------|---------------|---------------------|---------------------|---------------------|
| Model                          |               | SN-PL30120-40W-L    | SN-PL30120-40W-M    | SN-PL30120-40W-H    |
| Power                          |               | 40W                 | 40W                 | 40W                 |
| Voltage                        |               | AC220V-240V 50/60HZ | AC220V-240V 50/60HZ | AC220V-240V 50/60HZ |
| LED Type                       |               | SMD144PCS 21lm      | SMD 144PCS 24lm     | SMD144PCS 29lm      |
| Supply Current                 |               | 202MA               | 202MA               | 202MA               |
| Luminous Flux                  | Warn White    | >70lm/w             | >77lm/w             | >107lm/w            |
|                                | Natural White | >72 lm/w            | >80lm/w             | >110lm/w            |
|                                | Pure White    | >75 lm/w            | >82lm/w             | >110lm/w            |
| Color Temperature(CCT)         | Warn White    | 2800-3500K          | 2800-3500K          | 2800-3500K          |
|                                | Natural White | 3800-4500K          | 3800-4500K          | 3800-4500K          |
|                                | Pure White    | 5500-6500K          | 5500-6500K          | 5500-6500K          |
| Beam Angle                     |               | 120°                | 120°                | 120°                |
| Colour Rendering Index(CRI)    |               | Ra80                | Ra80                | Ra80                |
| Power Supply Efficiency        |               | >90%                | >90%                | >90%                |
| LED Luminous Efficiency        |               | >70lm/w             | >80lm/w             | >110lm/w            |
| Power Factor(PF)               |               | >0.95               | >0.95               | >0.95               |
| Total Harmonic Distortion(THD) |               | ≤20%                | ≤20%                | ≤20%                |
| IP Rating                      |               | IP20                | IP20                | IP20                |
| Net Weight                     |               | 3.02KG              | 3.02KG              | 3.02KG              |

## A2: 48W Technical Parameter

|                |  |                     |                     |                     |
|----------------|--|---------------------|---------------------|---------------------|
| Model          |  | SN-PL30120-48W-L    | SN-PL30120-48W-M    | SN-PL30120-48W-H    |
| Power          |  | 48W                 | 48W                 | 48W                 |
| Voltage        |  | AC220V-240V 50/60HZ | AC220V-240V 50/60HZ | AC220V-240V 50/60HZ |
| LED Type       |  | SMD192PCS 21lm      | SMD 192PCS 24lm     | SMD192PCS 29lm      |
| Supply Current |  | 242MA               | 242MA               | 242MA               |

|                                |               |            |            |            |
|--------------------------------|---------------|------------|------------|------------|
| Luminous Flux                  | Warm White    | >70lm/w    | >77lm/w    | >107lm/w   |
|                                | Natural White | >72 lm/w   | >80lm/w    | >110lm/w   |
|                                | Pure White    | >75 lm/w   | >82lm/w    | >110lm/w   |
| Color Temperature(CCT)         | Warm White    | 2800-3500K | 2800-3500K | 2800-3500K |
|                                | Natural White | 3800-4500K | 3800-4500K | 3800-4500K |
|                                | Pure White    | 5500-6500K | 5500-6500K | 5500-6500K |
| Beam Angle                     |               | 120°       | 120°       | 120°       |
| Colour Rendering Index(CRI)    |               | Ra80       | Ra80       | Ra80       |
| Power Supply Efficiency        |               | >90%       | >90%       | >90%       |
| LED Luminous Efficiency        |               | >70lm/w    | >80lm/w    | >110lm/w   |
| Power Factor(PF)               |               | >0.95      | >0.95      | >0.95      |
| Total Harmonic Distortion(THD) |               | ≤20%       | ≤20%       | ≤20%       |
| IP Rating                      |               | IP20       | IP20       | IP20       |
| Net Weight                     |               | 3.02KG     | 3.02KG     | 3.02KG     |

## B: Mechanical Specifications

|                            |       |   |
|----------------------------|-------|---|
| LED Driver                 | Brand | Lifud / Microcontrol(Philips investment )                         |
|                            | Type  | Solated Constant Current LED Driver                               |
| Connection to power        |       | 2X1.0mm 2PVC Cable  |
| Housing Processing         |       | White Paint Coating   |
| Material                   |       | PMMA,PS, Aluminous  |
| Cover                      |       | Frosty Front Cover  |
| Installation Component Set |       | 1. Recessed Installation, YES<br>2.Suspend Installation, Optional |

## C. Environmental

|                             |               |
|-----------------------------|---------------|
| Temperature Range Operating | -20°C to 40°C |
| Humidity Range Operating    | 20 % to 95 %  |
| Temperat ure Range Storage  | -40°C to 75°C |
| Humidity Range Storage      | 10 % to 80 %  |

## USER GUIDE:

Please read this entire manual to fully understand and safely use the luminaire. The products can be used at the voltage of 220-240V AC, 50/60HZ, suitable for indoor and outdoor moisture proof and dust proof. Specifications are subject to change without notice. Please contact our sales for the most recent product information.

### Unpacking:

1. Unpack and carefully examine the product.
2. Report any damage and save all packing materials if any part(s) were damaged during shipping.
3. Do not attempt to use the fixture if it is damaged.

### Before You install:

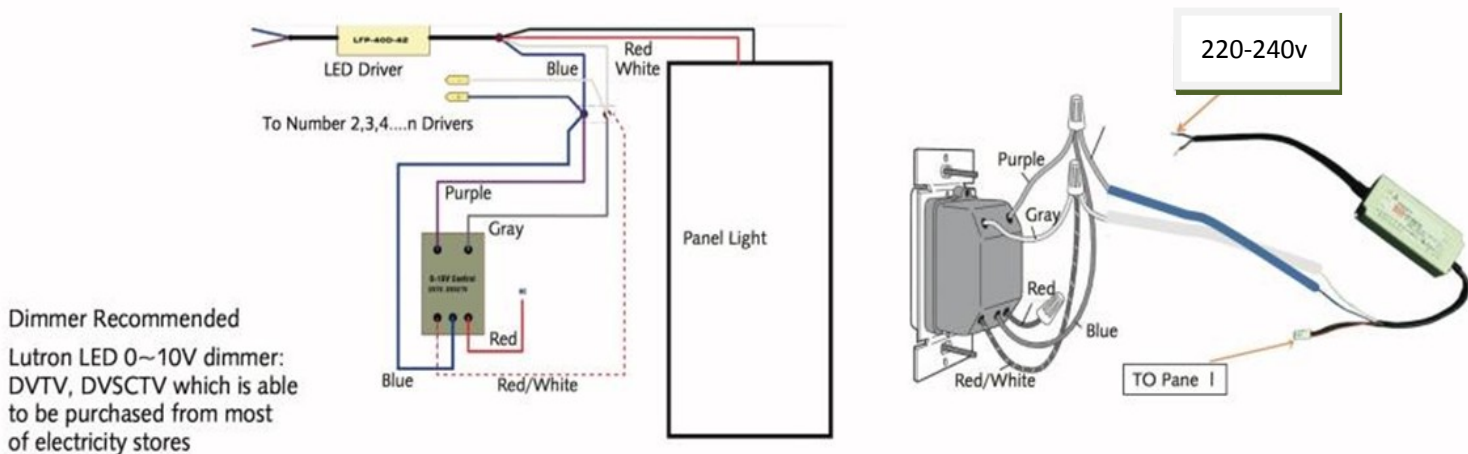
1. Before installing any light fixtures, read and understand all cautions, warnings, instructions and product labels. Failure to do so can result in injury and/or void the warranty.
2. CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR.
3. The product should be installed and operated by a qualified electrician or technician in accordance with relevant local codes.
4. Risk of electric shock. Ensure that main power source is off when wiring or soldering the sections of the product.

### Maintenance:

1. Disconnect the product from the power supply prior to cleaning.
2. Use a dry or slightly moistened cloth for cleaning.
3. Never use any chemicals or abrasive materials for cleaning.




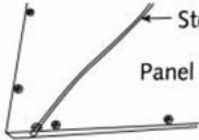
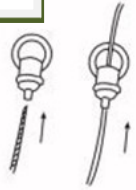
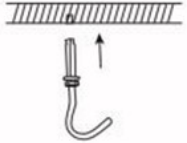

### Installation Instructions:

- 1, Wiring Diagram (0-10V Dimmable Panel)

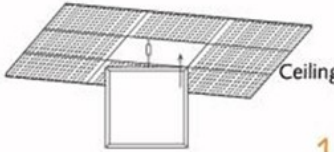
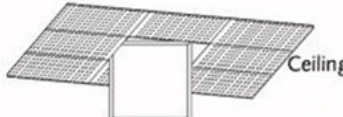
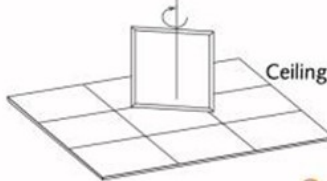
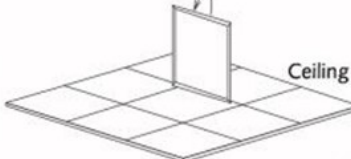
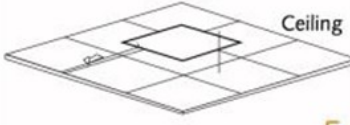
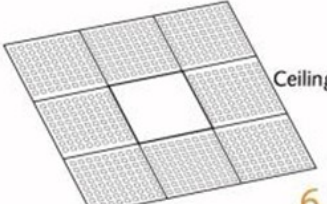


## 2, Three kinds of Installation ways

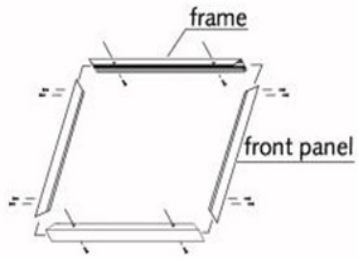
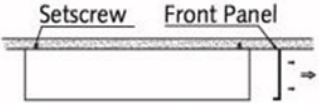
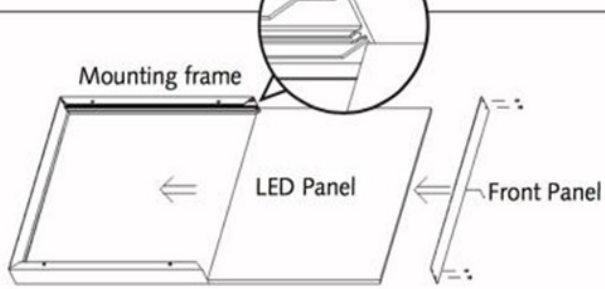
### Suspension

|   |   |  |   |  |
|---|---|--|---|--|
|  <p>sleeve anchor bolt</p>                           |  <p>Steel wire</p> |  <p>Steel wire adjustable holder</p>                          | <p>1. Put the ball end of the steel wire through the hole of the mount bracket of panel</p>  <p>Steel wire<br/>Panel</p> | <p>2. Put the other end of wire through the and adjust the length of the steel wire.</p> <p>220V-240V</p>  <p>Push to adjust length of wire</p> |
| <p>3. mount the sleeve anchor bolt into ceiling</p>  |   | <p>4. hang the 4 wire holders to the sleeve anchor bolt</p>  |   |  |

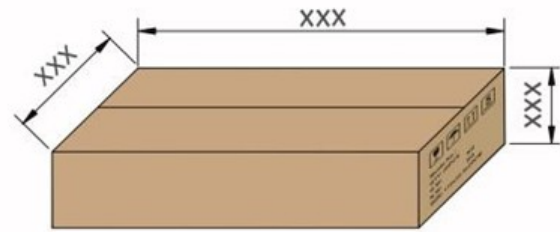
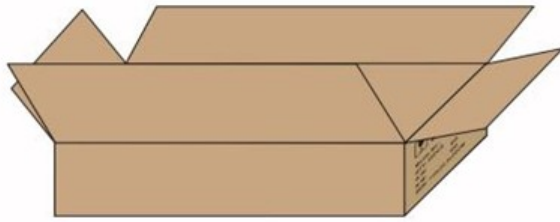
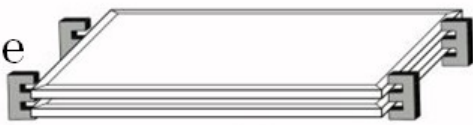
### Recessed Mount

|  |  |  |   |
|--|--|--|---|
|  <p>Ceiling</p> <p>1.</p> |  <p>Ceiling</p> <p>2.</p> |  <p>Ceiling</p> <p>3.</p> |  <p>Ceiling</p> <p>4.</p> |
|  <p>Ceiling</p> <p>5.</p> |  <p>Ceiling</p> <p>6.</p> |  |   |

### Ceiling Mount

|  |   |
|--|---|
|  <p>frame<br/>front panel</p>  <p>Setscrew Front Panel</p> <p>2x2frame: 24Lx1W x 2.5H<br/>1x4frame: 48Lx1W x 2.5H<br/>12Lx1W x 2.5H<br/>2x4frame: 24Lx1W x 2.5H<br/>48Lx1W x 2.5H</p> <p>1. Dis-assemble the front panel of the mounting frame and mount the frame into ceiling by setscrew.</p> |  <p>Mounting frame<br/>LED Panel<br/>Front Panel</p> <p>2. Slide the LED panel into the mounting frame, then screw in the front panel</p> |
|--|---|

Package



\* INNER BOX

SIZE: L1215\*W30\*H310MM

WEIGHT: 4.4KG/BOX



6PCS PACKED IN THREE INNER BOX IN ONE OUTER BOX

\*OUTER BOX

SIZE: L1260\*W185\*H685MM

WEIGHT: 13.5KG