



# SINCELIGHT SL-PLR220 Led Motion Sensor Round Panel Ceiling Lamp Light User Manual

[Home](#) » [SINCELIGHT](#) » SINCELIGHT SL-PLR220 Led Motion Sensor Round Panel Ceiling Lamp Light User Manual 

# SINCELIGHT

## SL-PLR220 Led Motion Sensor Round Panel Ceiling Lamp Light User Manual

### Contents

- [1 SL-PLR220 Led Motion Sensor Round Panel Ceiling Lamp Light](#)
- [2 CAUTIONS](#)
- [3 DUAL MODE SENSOR](#)
- [4 DIMENSION INSTALLATION INSTRUCTION](#)
- [5 DETECTION DISTANCE](#)
- [6 WARRANTY](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)
- [8 Related Posts](#)

**SL-PLR220 Led Motion Sensor Round Panel Ceiling Lamp Light**



## **CAUTIONS**

### **Important Attention — Please read prior to installation**

1. Ensure the AC/Mains power is NOT connected and cannot be unexpectedly reconnected during installation.
2. accordance with instructions provided and in compliance with recognized electrical and safety regulations relevant to the country it is being installed.
3. Please check the specification before installation, to make sure the service environment matches the condition in the product manual before using.
4. Dangerous high voltage, non-professionals are not allowed to maintain the products. Operation against rules may damage your property and even harm your personal safety.

### **Thank you**

for choosing our products

**SL-PL/R220-W18VAK27-PIR**

**PRODUCT DATE**

|                               |                      |
|-------------------------------|----------------------|
| Wattage ( W )                 | 18Watt               |
| Watt Voltage ( V )            | 85-265Vac 50/60 Hz   |
| Equivalent Wattage ( W)       | 180 Watt             |
| Power Factor (X)              | 0.9+                 |
| Luminaires Type               | Close to Ceiling     |
| Luminaires Shape              | Panel Light ( Round) |
| Duration per Triggered ( Sec) | 60                   |
| Motion Sensor Type            | PIR                  |
| Light Sensor Type             | Full Spectrum        |
| Beam Angle ( ° )              | 120                  |
| Dimension ( mm )              | Diameter – 220       |
|                               | Height – 18          |


#### **SL-PUR220-W18VAK4O-PIR**

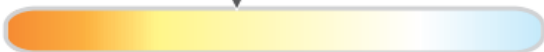
|                               |                      |
|-------------------------------|----------------------|
| Wattage ( W )                 | 18Watt               |
| Watt Voltage ( V )            | 85-265Vac 50/60 Hz   |
| Equivalent Wattage ( W)       | 180 Watt             |
| Power Factor (X)              | 0.9+                 |
| Luminaires Type               | Close to Ceiling     |
| Luminaires Shape              | Panel Light ( Round) |
| Duration per Triggered ( Sec) | 60                   |
| Motion Sensor Type            | PIR                  |
| Light Sensor Type             | Full Spectrum        |
| Beam Angle ( ° )              | 120                  |
| Dimension ( mm )              | Diameter – 220       |
|                               | Height – 18          |

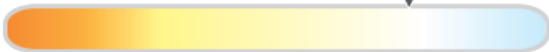
#### **SL-PUR220-W18VAK6O-PIR**

|                               |                      |
|-------------------------------|----------------------|
| Wattage ( W )                 | 18Watt               |
| Watt Voltage ( V )            | 85-265Vac 50/60 Hz   |
| Equivalent Wattage ( W)       | 180 Watt             |
| Power Factor (X)              | 0.9+                 |
| Luminaires Type               | Close to Ceiling     |
| Luminaires Shape              | Panel Light ( Round) |
| Duration per Triggered ( Sec) | 60                   |
| Motion Sensor Type            | PIR                  |
| Light Sensor Type             | Full Spectrum        |
| Beam Angle ( ° )              | 120                  |
| Dimension ( mm )              | Diameter – 220       |
|                               | Height – 18          |



## LIGHTING DATE

|                           |  |
|---------------------------|--|
| Luminous Flux ( lm )      | 1600 Lumens  |
| Color Temperature ( K )   | <div> <div>2700 K Warm White</div>  </div> |
| Color Rending Index ( RA) | 82-85  |
| Dimmable                  | N/M  |

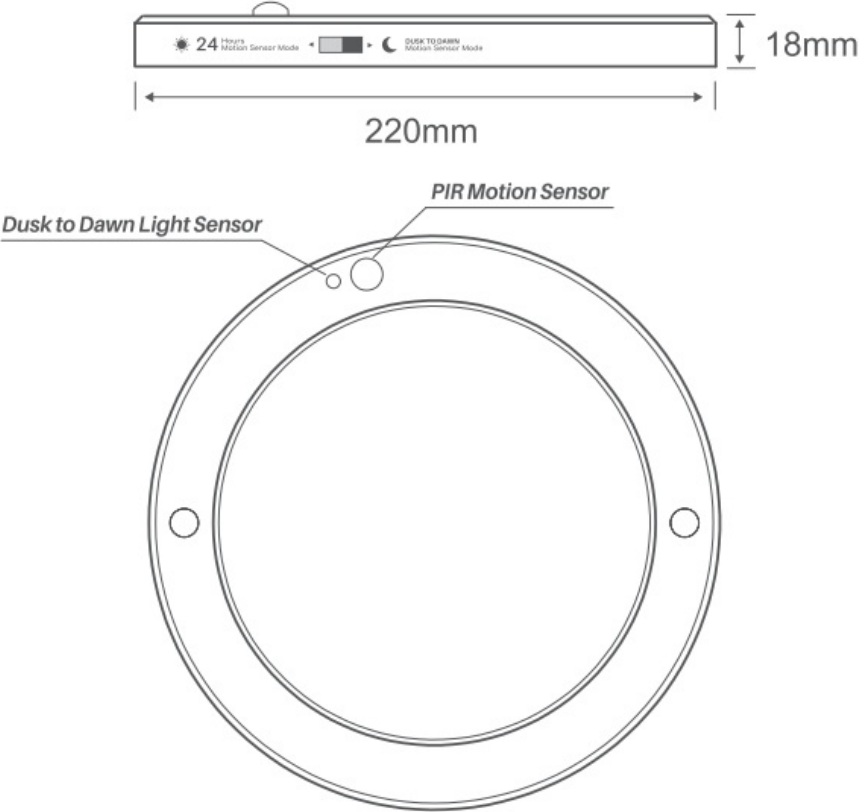
|                           |   |
|---------------------------|---|
| Luminous Flux ( lm )      | 1800 Lumens   |
| Color Temperature ( K )   | <div> <div>4000 K Neutral White</div>  </div> |
| Color Rending Index ( RA) | 82-85   |
| Dimmable                  | N/M   |

|                           |  |
|---------------------------|--|
| Luminous Flux ( lm )      | 1800 Lumens  |
| Color Temperature ( K )   | <div> <div>6000 K Cool White</div>  </div> |
| Color Rending Index ( RA) | 82-85  |
| Dimmable                  | N/M  |

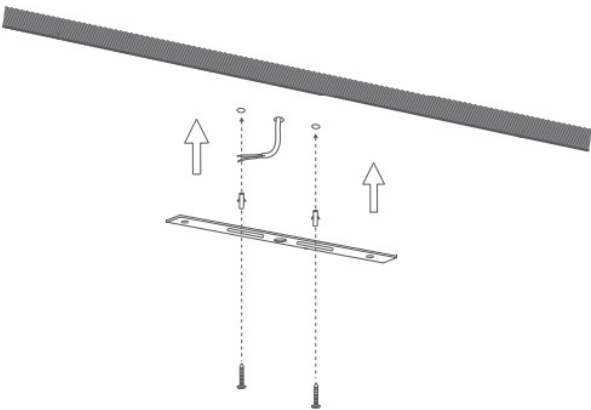
DUAL MODE SENSOR

|   |  |  |
|---|--|--|
|      |  |  |
| 24 Hours Motion Sensor Mode The Motion Sensor always works all day long in this mode. | Mode Switch  | DUSK TO DAWN Motion S<br>usk to dawn in this mode. |

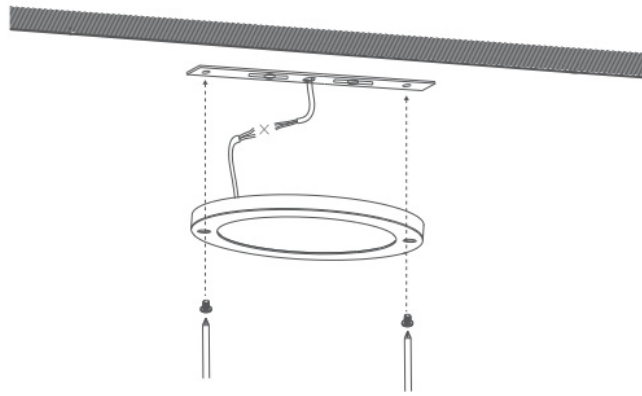
DIMENSION



INSTALLATION INSTRUCTION



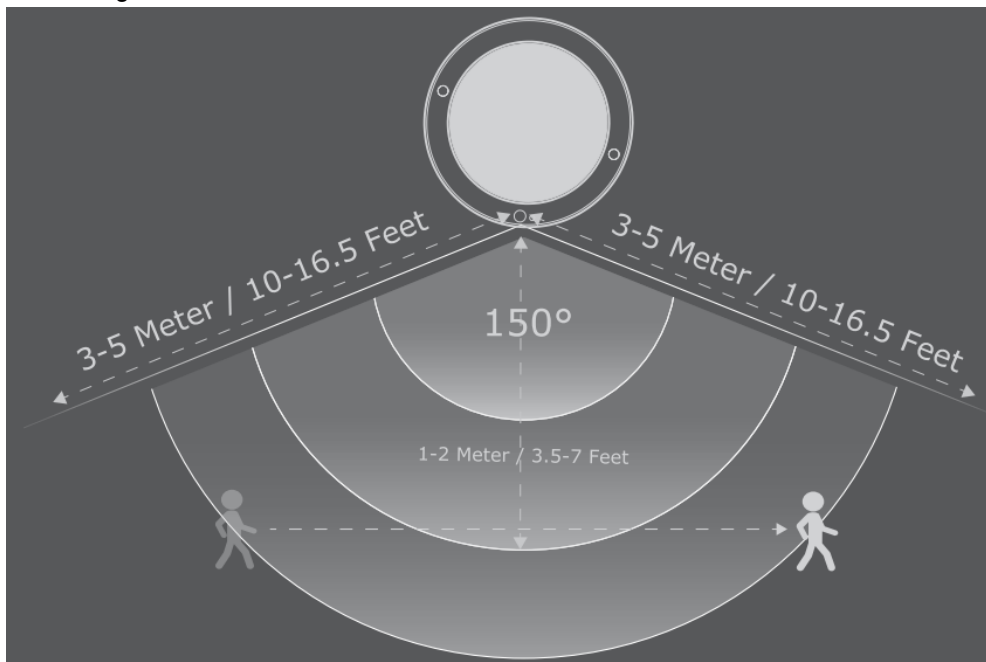
- 1. Mount the bock frame fixture onto the ceiling or wall.
- 2. Pull the power cord through the frame and smallpox.



3. Electric Wire Connection
4. Install the lamp onto the frame fixture by locking the top screws.
5. Fix the stopple and the installation is complete.

### **MOTION SENSOR+**

LED Surface Mounted Light Panel



### **DETECTION DISTANCE**

#### **ATTENTION**

The SINCELIGHT LED Light is equipped with a PIR sensor, It is a kind of pyroelectric infrared sensor that detects variations in infrared rays. However, detection may not be successful in the following cases: a lack of movement or no temperature change in the heat source. They could also detect the presence of heat sources other than the human body. The efficiency and reliability of the system may vary depending on the actual operating conditions :

1. Detecting heat sources other than the human body, such as: a) Small animals entering the detection area b) When a heat source, for example, sunlight, incandescent lamp, car headlights etc, or strong light beam hit the sensor regardless of whether the detection area is inside or outside. c) Sudden temperature change inside or around the detection area caused by a hot or cold wind from Heating, Ventilation, and Air Conditioning, or vapor from a humidifier, etc.
2. Difficulty in sensing the heat source
  - a) Gloss, acrylic or similar materials standing between the target and the sensor may not allow a correct transmission of infrared rays.
  - b) Non-movement or quick movements of the heat source inside the detection

oreo.

### 3. Expansion of the detection of oreo

In case of o considerable difference in the ambient temperature and the human body temperature, the detection area may be larger than the configured detection area

### 4. Detection distance

The PIR Motion sensor could detect variations in infrared rays however such variations are decided by the following three factors. The temperature difference between the target and the surroundings: The larger the temperature difference, the easier it is to detect targets. Movement speed: If the target is moving at o slower or faster speed than specified in the tables, the detection ability may be lower.

Target size: The human body is the standard. If the target is smaller or larger than specified in the table, the detection ability may be lower. The detection distance explained in our data sheet is defined by the three factors mentioned above. SINCELIGHTs standard for the temperature difference between the target and the surrounding is defined as 4°C. The forger the temperature difference, the longer the detection distance. If the temperature difference is 8°C, which is twice os much os the standard, the detection distance will be approx. 1.4 times longer than the distance of 4 °C. For example, if targets of o distance of 5m can be detected at 4 °C, then the sensor can detect targets at o distance of 7m of 8°C. (This is based on the theory that the detection sensitivity will vary inversely with the square of the distance.)



## WARRANTY

The warranty os described herein shall apply only to SINCELIGHT-branded LEO lighting products sold.

SINCELIGHT warrants that the products shall be free from significant defects in materials and workmanship for o period mentioned in the soles agreement, product manual or packaging This warranty gives you specific rights and you may have other rights, which may vary under different jurisdictions.

### Terms & Conditions

1. The warranty benefits the original purchaser only. If one product is returned by the purchaser in accordance with the Warranty Terms, within the applicable warranty period and upon examination, SINCELIGHT determines to its satisfaction that such product foiled to satisfy this warranty. SINCELIGHT will at its option repair or replace the defective product. Where o product has been discontinued or is no longer available, SINCELIGHT may provide an alternative of o similar or better specification and design. SINCELIGHT will endeavor to provide o close o a match as possible. however, due to rapid developments of products; SINCELIGHT can not guarantee o match and will not accept liability for such
2. For clarity, repair or replacement of the defective product or part thereof does not include any costs or expenses for removal or re-installation activities, Including labor costs and any special and Incidental costs or consequential damages including but not limited to, damage to property, loss of revenue or profits or other miscellaneous costs not previously mentioned.

### How To Warranty

Scan the OR code or visit [www.sincelight.com](http://www.sincelight.com) to submit the warranty application, Or write us by email to [service@sincelight.com](mailto:service@sincelight.com), Our after-service team will respond in 24 hours.



<http://www.sincelight.com>

Please let us know of any problems. Appreciate any comments.

Thank You

#### **Exclusions**

**The limited warranty only applies when ;**

1. The product has been properly wired, installed, and operated within the electrical values, operating range, and environmental conditions provided in the specifications. application guidelines, instruction manuals or any other documents accompanying the product or on the SinceLight.com website.
2. The warranty is based on a burning behavior of a maximum of 4000 hours/year at an ambient temperature of 25°C with 10 mm spacing.

**The warranty only covers products applied within their intended use or normal use defined by :**

1. Operating conditions are in accordance with the information on the products.
2. The ambient temperature never exceeds the operating temperature specified on the product datasheet.
3. The relative humidity in the installation never exceeds 80% RH, or never exceeds the IP rating (if any is provided).
4. The product is not subject to more switching cycles as defined on the product packaging or specification sheet  
o switching cycle is defined as least 30 seconds ON and 30 seconds OFF.
5. The electrical installation in which the product operates is not subjected to voltage fluctuations exceeding the rated input voltage range.

**The warranty doesn't cover the conditions as follows;**

1. The limited warranty does not cover accidental damage, abuse or misuse, wear and tear, unauthorized repair, modification or disassembly, or use in abnormal conditions or consequential or incidental losses.
2. Faults caused by installer error Including but not limited to connection to an incorrect power supply or unsuitable dimmer, transformer or driver are excluded from the warranty.

**EC I REP**

Plustation GmbH

Vereinsstrasse 4D-40625 Düsseldorf

Germany

**SINCELIGHT**

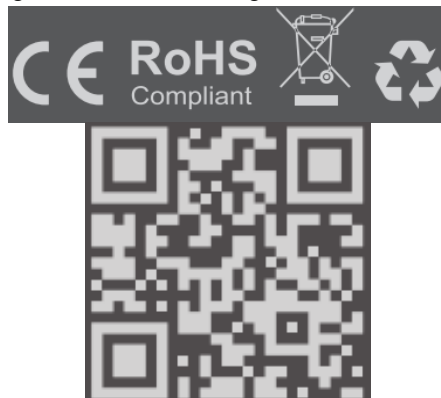
Churchill House, 142-146 Old Street, London, England, EC1V 9BW

TM and © 2017 Yoolond Lighting Co., Ltd. All Rights Reserved.

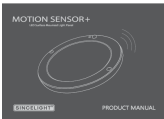
All brand names, product names, and trademarks are the property of their respective owners.



Design in the United Kingdom, Mode in P.R.0



## Documents / Resources

|   |   |
|---|---|
|  | <p><a href="#">SINCELIGHT SL-PLR220 Led Motion Sensor Round Panel Ceiling Lamp Light</a> [pdf] User Manual</p> <p>SL-PLR220 Led Motion Sensor Round Panel Ceiling Lamp Light, SL-PLR220, Led Motion Sensor Round Panel Ceiling Lamp LightRound Panel Ceiling Lamp Light, Ceiling Lamp Light, Lamp Light</p> |
|---|---|

## References

- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.