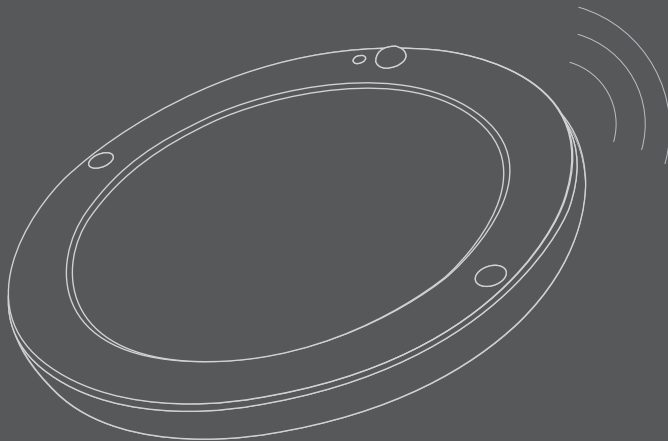


MOTION SENSOR+

LED Surface Mounted Light Panel



SINCELIGHT®



PRODUCT MANUAL

MOTION SENSOR+

LED Surface Mounted Light Panel

CAUTIONS

EN

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 recognised electrical and safety regulations relevant to the country it is being installed in.
- 3 Please check the specification before installation, to make sure the service environment matches the condition in the product manual before using.
- 4 Dangerous of high voltage, non-professional are not allowed to maintain the products. Operation against rules may damage your property even harm to your personal safety.

NL

Belangrijke gegevens - lees deze voor de installatie

- 1 Zorg ervoor dat de wisselstroom / netvoeding NIET is aangesloten en niet onverwachts opnieuw kan worden aangesloten tijdens de installatie.
- 2 In overeenstemming met de verstrekte instructies en in overeenstemming met erkende elektrische en veiligheidsvoorschriften die relevant zijn voor het land waarin het wordt geïnstalleerd.
- 3 Controleer de specificatie vóór installatie om er zeker van te zijn dat de serviceomgeving overeenkomt met de staat in de producthandleiding voordat u deze gebruikt.
- 4 Gevaarlijk voor hoogspanning, niet-professionele mag de producten niet onderhouden. Als u zich niet aan de regels houdt, kunt u uw eigendommen beschadigen en zelfs uw persoonlijke veiligheid schaden.

FR

Important – Lire attentivement avant installation

- 1 Assurez-vous que l'alimentation CA / secteur n'est PAS connectée et ne peut pas être reconnectée de manière inattendue pendant l'installation.
- 2 Conforme aux instructions fournies et en conformité avec les réglementations électriques et de sécurité reconnues applicables au pays dans lequel il est installé.
- 3 Veuillez vérifier les spécifications avant l'installation, pour vous assurer que l'environnement de service correspond à la condition du manuel du produit avant utilisation.
- 4 Dangereux de haute tension, les non-professionnels ne sont pas autorisés à entretenir les produits. Une utilisation contraire aux règles peut endommager votre propriété, voire nuire à votre sécurité personnelle.

DE

Wichtige Informationen – bitte vor der Installation lesen!

- 1 Stellen Sie sicher, dass die Wechselstrom- / Netzstromversorgung NICHT angeschlossen ist und während der Installation nicht unerwartet wieder angeschlossen werden kann.
- 2 In Übereinstimmung mit den bereitgestellten Anweisungen und in Übereinstimmung mit den anerkannten Elektro- und Sicherheitsbestimmungen, die für das Land relevant sind, in dem es installiert wird.
- 3 Bitte überprüfen Sie vor der Installation die technischen Daten, um sicherzustellen, dass die Serviceumgebung den Bedingungen im Produkthandbuch entspricht, bevor Sie sie verwenden.
- 4 Nicht professionelle, hochspannungsgefährdende Produkte dürfen die Produkte nicht warten. Der Betrieb gegen Regeln kann Ihr Eigentum beschädigen und sogar Ihre persönliche Sicherheit beeinträchtigen.

ES

Nota importante: leer antes de realizar la instalación

- 1 Asegúrese de que la alimentación de CA / red eléctrica NO esté conectada y no se pueda volver a conectar inesperadamente durante la instalación.
- 2 De acuerdo con las instrucciones proporcionadas y de conformidad con las normas eléctricas y de seguridad reconocidas relevantes para el país en el que se está instalando.
- 3 Verifique las especificaciones antes de la instalación para asegurarse de que el entorno de servicio coincida con las condiciones del manual del producto antes de usarlo.
- 4 Peligrosos de alto voltaje, los no profesionales no pueden mantener los productos. La operación contra las reglas puede dañar su propiedad incluso dañar su seguridad personal.

PL

Ważne informacje — przeczytać przed montażem

- 1 Upewnij się, że zasilanie sieciowe / AC NIE jest podłączone i nie może zostać nieoczekiwanie ponownie podłączone podczas instalacji.
- 2 Zgodnie z dostarczonymi instrukcjami oraz zgodnie z uznanymi przepisami elektrycznymi i bezpieczeństwa obowiązującymi w kraju, w którym jest instalowany.
- 3 Przed przystąpieniem do instalacji należy sprawdzić specyfikację, aby upewnić się, że środowisko serwisowe odpowiada warunkom podanym w instrukcji produktu.
- 4 Niebezpieczne wysokie napięcie, nieprofesjonalni nie mogą konserwować produktów. Działanie wbrew zasadom może spowodować uszkodzenie mienia, a nawet zagrożenie bezpieczeństwa osobistego.

SINCELIGHT

Thank you

for choosing our products

SPECIFICATION SHEET

MOTION SENSOR+

LED Surface Mounted Light Panel

SL-PL/R220-W18VAK27-PIR

PRODUCT DATE

Wattage (W)	18 Watt
Voltage (V)	85-265Vac 50/60 Hz
Equivalent Wattage (W)	180 Watt
Power Factor (λ)	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 ($^{\circ}$)	120
Dimension (mm)	Diameter - 220 Height - 18

LIGHTING DATE

Luminous Flux (lm)	1600 Lumens
Color Temperature (K)	2700  Warm White
	
Color Rendering Index (RA)	82-85
Dimmable	N/M

SL-PL/R220-W18VAK40-PIR

PRODUCT DATE

Wattage (W)	18 Watt
Voltage (V)	85-265Vac 50/60 Hz
Equivalent Wattage (W)	180 Watt
Power Factor (λ)	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 ($^{\circ}$)	120
Dimension (mm)	Diameter - 220 Height - 18

LIGHTING DATE

Luminous Flux (lm)	1800 Lumens
Color Temperature (K)	4000  Neutral White
	
Color Rendering Index (RA)	82-85
Dimmable	N/M

SL-PL/R220-W18VAK60-PIR

PRODUCT DATE

Wattage (W)	18 Watt
Voltage (V)	85-265Vac 50/60 Hz
Equivalent Wattage (W)	180 Watt
Power Factor (λ)	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 ($^{\circ}$)	120
Dimension (mm)	Diameter - 220 Height - 18

LIGHTING DATE

Luminous Flux (lm)	1800 Lumens
Color Temperature (K)	6000  Cool White
	
Color Rendering 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.



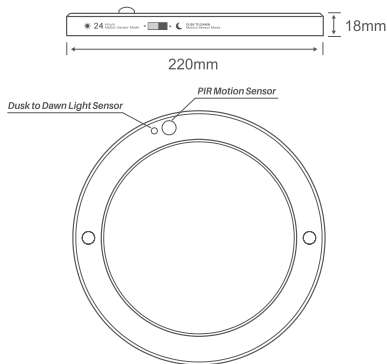
Mode Switch



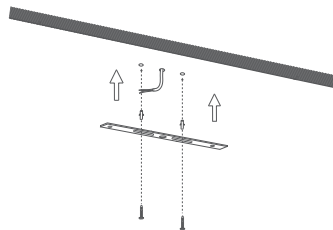
DUSK TO DAWN Motion Sensor Mode

The Motion Sensor only works from dusk to dawn in this mode.

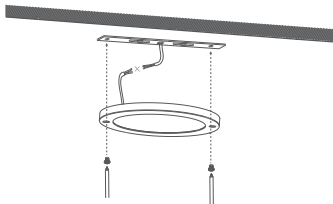
DIMENSION



INSTALLATION INSTRUCTION



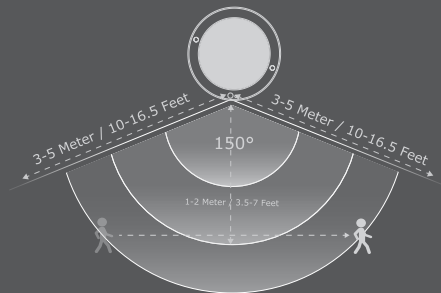
- 1 Mount the back frame fixture onto the ceiling or wall.
- 2 Pull the power cord through the frame and small box.



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

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DETECTION DISTANCE

ATTENTION

The SINCELIGHT LED Light equipped with PIR sensor, it is a kind of pyroelectric infrared sensors that detect variations in infrared rays. However, detection may not be successful in the following cases: lack of movement or no temperature change in the heat source. They could also detect the presence of heat sources other than a human body. 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 sun light, incandescent lamp, car headlights etc., or strong light beam hit the sensor regardless whether the detection area is inside or outside.
- c) Sudden temperature change inside or around the detection area caused by hot or cold wind from Heating, Ventilation and Air Conditioning, or vapor from a humidifier, etc.

2 Difficulty in sensing the heat source

- a) Glass, 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 area.

3 Expansion of the detection area

In case of a 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 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 a 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. SINCELIGHT's standard for the temperature difference between the target and the surrounding is defined as 4°C. The larger the temperature difference, the longer the detection distance. If the temperature difference is 8°C, which is twice as much as the standard, the detection distance will be approx. 1.4 times longer than the distance at 4 °C. For example, if targets at a distance of 5m can be detected at 4 °C, then the sensor can detect targets at a distance of 7m at 8°C. (This is based on the theory that the detection sensitivity will vary inversely with the square of the distance.)

SINCELIGHT



WARRANTY

SINCELIGHT

The warranty as described herein shall apply only to SINCELIGHT branded LED lighting products sold. SINCELIGHT warrants that the products shall be free from significant defects in materials and workmanship for a period mentioned in the sales 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 any 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 failed to satisfy this warranty, SINCELIGHT will at its option repair or replace the defective product. Where a product has been discontinued or is no longer available, SINCELIGHT may provide an alternative of a similar or better specification and design. SINCELIGHT will endeavour to provide a close match as possible, however, due to rapid developments of products; SINCELIGHT can not guarantee a 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 labour 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 QR code or visit www.sincelight.com to submit the warranty application, Or write us by email to service@sincelight.com, Our after service team will response in 24 hours.



Please let us know for any problems.
Appreciate your 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 SincelLight.com website.
2. The warranty is based on a burning behaviour of maximum 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. 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 a switching cycle being 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 follow :

1. The limited warranty does not cover accidental damage, abuse or misuse, wear and tear, unauthorised 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.



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Design in United Kingdom, Made in P.R.C



RoHS
Compliant

