

SUNSET SOLAR DELA

SKU# 240940

Solar Rated Voltage : 5 VDC

Battery : 18650 Li-ion 3.7V 2000mAh

To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use of the product. Please keep instructions for future reference.

Warranty

- This luminaire is covered by a 5 year warranty (excluding battery) valid for in-store replacement or refund only.
- The warranty period starts from the date of purchase. Please retain the proof of purchase for any warranty enquiries.
- Warranty will be void if there is any damage due to improper usage or modification to the fitting.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void warranty.

Installation requirements

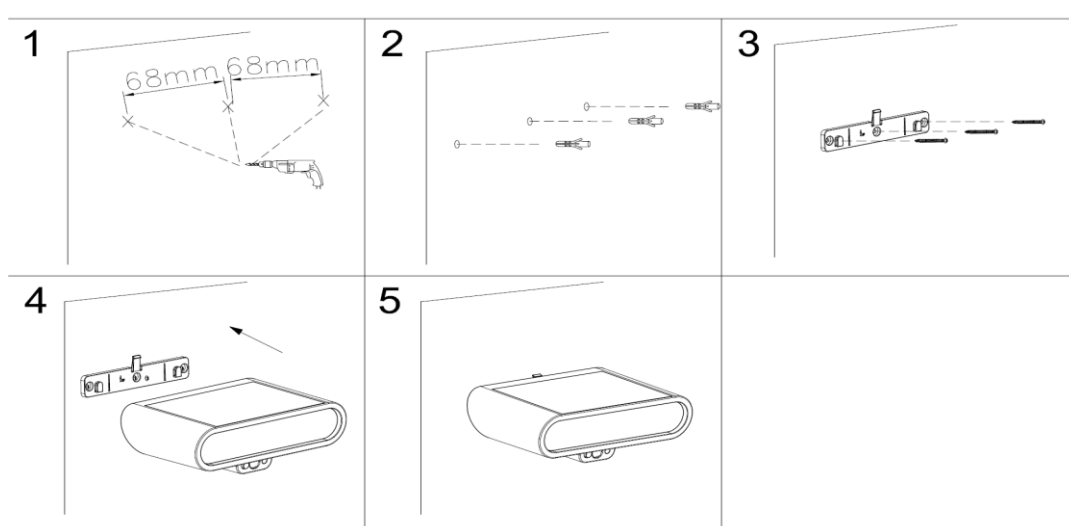
- Select a suitable location for installation.
 - This product is suitable for outdoor use only.
 - This product protects against water penetration to IP65 standards – which is against high pressure jets of water from all directions.
 - Keep the solar panel clean and make sure the shadows of trees and buildings do not fall on solar panel.
- Lay out all the components on a smooth surface and make sure there are no components missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the fitting has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.

Installation directions

1. Remove all packaging material from the product and be careful not to throw away accessories that may be hidden within the packaging material.
2. Measure and mark three mounting holes 68mm apart on the wall or use the mounting bracket as a template to mark the screw positions on wall. (Fig.1)
3. Now drill the holes at the marked positions on the wall and install the mounting bracket using appropriately sized screws and anchors. Ensure the screws and anchors used are suitable for mounting surface and surrounding environment. (Fig.2 & 3)
4. After installing the mounting bracket, attach the luminaire by aligning the groove on the back of the luminaire with the mounting bracket and slide into place. (Fig. 4)

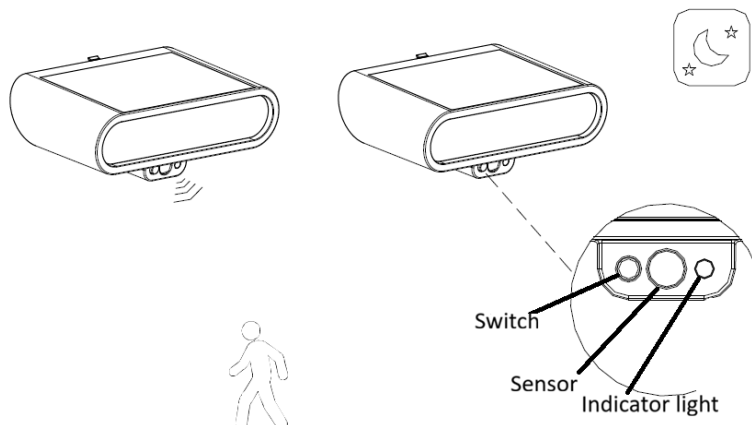
NOTE: Ensure the luminaire is securely locked into place by pushing it downward until it fully engages with the mounting bracket.

NOTE: Recommended height for installation is 2.0 - 2.5 meters from the ground.



Operation Instructions

1. Switch, sensor and indicator light are located on the front of the luminaire.

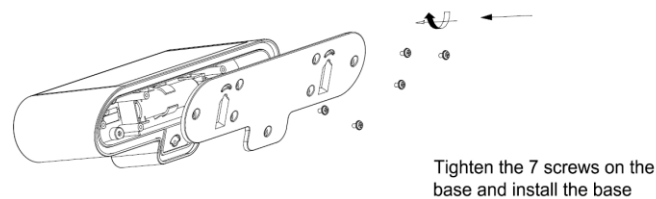
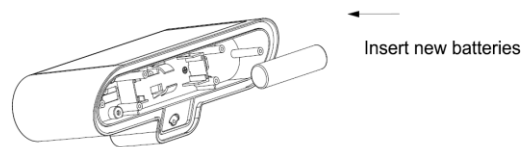
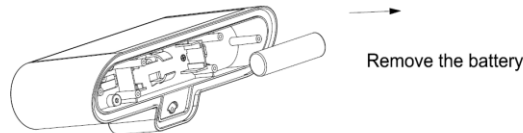
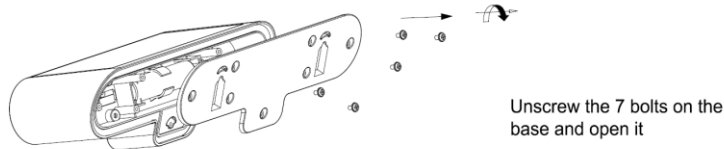


2. Press the switch for 3 seconds to ON/OFF the luminaire.
NOTE: Luminaire will turn ON only when the lux is <20.
3. This luminaire features three operating modes, which can be cycled through by pressing the switch:
 - DIM mode: stays ON at 15% brightness all night. When motion is detected, light brightens at 50% for 30 seconds and returns to 15% brightness when there is no motion. Indicator light will illuminate green for 3 seconds.
 - AUTO mode: stays OFF until motion is detected. When motion is detected, light turns 100 % brightness for 30 seconds and turns OFF when there is no motion. Indicator light will illuminate red for 3 seconds.
 - ON mode: stays ON at 20% brightness all night and there is no motion activation. Indicator light will illuminate red and green for 3 seconds.

ON	AUTO	DIM	OFF
OFF	OFF	OFF	OFF
20%	100%	50%	OFF
30S	30S	30S	30S

4. This luminaire has a built-in 18650 3.7V 2000mAh rechargeable Li-ion battery, where charging time is 8 hours under direct sunlight. Operating time for the luminaire is 10 hours under ON mode, 40 mins for DIM mode and about 50 mins for AUTO mode.
5. To replace the battery:
 - Unscrew the bolts on the base of the luminaire and lift the base cover to access the battery.
 - Remove the existing battery from battery holder and replace with the new battery (not included)
 - Insert the battery with the correct polarity, aligning the positive (+) and negative (-) terminals with the markings inside the compartment.
 - Position the base cover back on the luminaire and tighten all 7 screws securely to close the unit.

NOTE: Only replace the battery with the approved type specified for this luminaire. Using an incorrect battery may affect performance or safety. For recommended SKU# for battery please refer page.4 (specifications table).



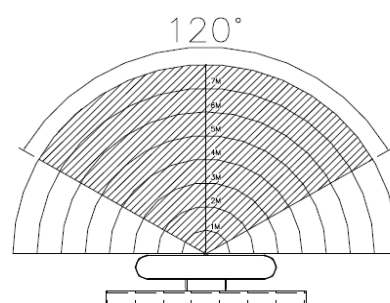
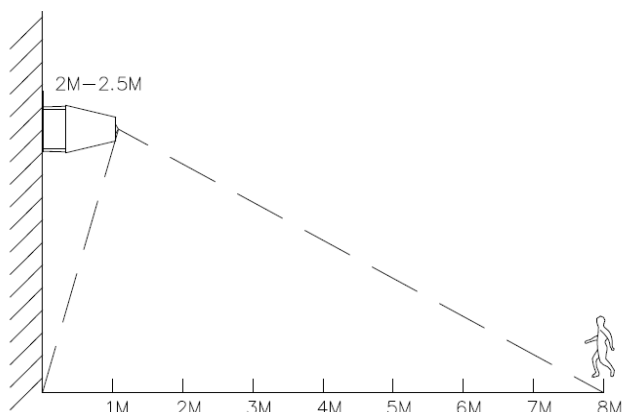
Sensor Information

PIR (PASSIVE INFRA-RED) SENSOR:

The luminaire has a PIR (Passive Infra-Red) sensing device which continuously scans the operating zone and immediately switches the luminaire on when it detects any movement in that area. Whenever movement is detected within the sensor range, the luminaire will switch on automatically to illuminate the area.

SENSOR LOCATION & DETECTION:

- For this luminaire detection range is approximately less than 8m with an angle of 120° with recommended installation height 2m-2.5m.
- The detection area will vary depending on the mounting height and items in the detection area.
- If movement is made walking directly towards or away from the sensor and not across its detection area, the detection range will be substantially reduced.
- The detection area may also alter at different temperatures. PIR sensors are more sensitive in cold weather than warm weather.
- To avoid false triggering:
 - The sensor should be directed away from potential heat sources such as barbecues, air conditioners, exhaust vents etc.
 - Avoid areas with strong electromagnetic disturbance, outside lighting, moving cars, trees, or pets etc.
 - Do not aim towards reflective surfaces, such as smooth white walls, swimming pools, ponds etc.
 - Avoid installing the luminaire near any fluorescent luminaires or ceiling fans. RFI interference may cause the luminaire to switch on unintentionally.



Safety tips

- Always ensure the power is OFF and the luminaire has cooled down before performing any maintenance, cleaning or making any adjustment to the luminaire.
- Young children should be supervised to ensure that they do not play with the luminaire.
- Handle the luminaire with care to avoid any damage or breakage.
- Do not install the fitting in a position where sunlight cannot reach the solar panel.
- To clean wipe with a soft damp cloth. Do NOT soak or immerse the luminaire in water or other liquids.
- Ensure that the luminaire does not come in contact with corrosive chemicals/solvents or abrasive cleaners etc.
- Do not look directly into the light source or point it into the eyes of others. This can lead to retinal damage.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life, the whole luminaire shall be replaced. There are no serviceable parts, do not attempt to dismantle or open the luminaire.
- Store the light in a clean, dry, and dark place. Do not expose it to temperature over 35°C or under -15°C. Avoid direct sunlight. Caution: Never use a damaged product (e.g., worn cable, cracked casing).

Specifications

SKU	240940
Solar rated Voltage	5 VDC
Battery specs	18650 rechargeable Li-ion battery 3.7V 2000mAh
LED light	300 lumens, 5W, 5000K
IP Rating	IP65
Charging time	8 hours under direct sunlight
Recommended SKU# for battery	P220000
Dimensions	E:100mm W: 200mm H: 90mm
Weight	0.4 Kg