



User manual

Solar LED floodlight with PIR sensor LRFS-28C001-W/BK



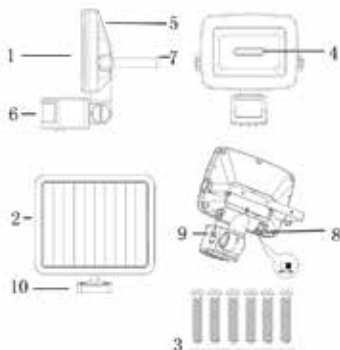
Before first use of the product read this user manual carefully and save it. After taking product out of the packaging make sure the product is not physically damaged in delivering process. If product is damaged, don't use it.

Features:

Solar LED floodlight is perfect choice if there is need for illuminating areas where it's not practical to use standard electrical installation. This floodlight uses the sun light for charging batteries, what makes it pretty economical. Considering that it is charging by the sun energy, it is meant for outdoors usage. This floodlight also have a motion sensor, so it might be used as security solution. Floodlights like this one are usually used on terraces, on garages, on entrance, even on camping.

Part list:

1. Floodlight
2. Solar panel
3. Expansion screw
4. COB LED 5W
5. Battery housing
6. Motion detector
7. Mounting plate
8. ON/OFF switch
9. Battery charge inlet
10. Solar panel mounting bracket



Installation:

Warning: Install this product on your own only if you have read this user manual and if you fully understand complete described installing process. If you need help for installing this product, advise with qualified person.

1. Put holder of LED floodlight on surface which you prefer. For installation of this device, use the screws which you get with device. Be careful while drilling holes in the ceiling or wall, do not touch or harm power cable with the drill. Damaging power cable may cause an accident.
2. Put the solar panel on surface which you prefer, on same way like you installed LED floodlight.

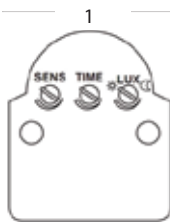
Warning: Install solar panel on places which aren't in shadow at daytime. Choose places which are illuminated with sunlight for longest periods of the day, for installing solar panel.

3. Connect plugs of solar panel and LED floodlight.
4. Put floodlight in work by setting power switch in "ON" position.

Warning: Before first usage of this floodlight it is necessary to perform proper initial charging of battery. Put the switch in "OFF" position and leave floodlight exposed to sunlight for three days. After that, floodlight will be ready for first use.

Setting the motion detect sensor:

Setting up the motion detect sensor might be done by adjusting three knobs which are located under the sensor (sketch 1). Knobs are marked with "SENS", "TIME" and "LUX".



- SENS** – adjust the detection range: 2-12m
TIME – the duration of automatic operation after movement is detected: 8 s to 2 min
LUX - adjust the ambient brightness: 20 – 50000 Lux

During the day - when the light is not necessary - the floodlight will not turn on. Sensitivity should be set to based on the brightness of the environment. Turn the knob in the direction of the moon symbol if you want the floodlight to turn on only at night, or turn the knob in the direction of the sun if you want the floodlight to turn on in twilight already.

Maintenance:

Before cleaning floodlight and solar panel, turn off floodlight on switch and wait till it cools down (minimum 15 minutes). Clean floodlight and panel with dry cloth, do not use aggressive detergents.

Warning: Solar panel might reach really high temperatures if it's exposed to direct sunlight for a long time. We recommend cleaning in nightly hours, in order to avoid eventual skin burns.

WARNINGS:

- If product is damaged in delivering process, do not use it.
- Do not stare at LED light source, do not direct it in other people.
- Install floodlight only on normally flammable surfaces.
- Install floodlight on vertical flat surface. Ideal height for installing floodlight is 1-3m.
- For installation of solar panel choose places which are illuminated with sunlight for longest periods of day.
- Do not disassemble this product or make any corrections on it, that will cause warranty loss.
- Battery replacement or any repairing entrust to authorized person.
- Normal height for installation is 2.5m. In optimal conditions the range of the beam might reach 12m when temperature of environment is < 24 ° C. In case that difference in temperature of environment and temperature of object moving in infra red beam is small, for example in summer conditions, range of sensor might fall on half. In some cases, hot airflow might accidentally cause activation, sensor might be activated by hot engine of vehicle, or larger pets.

Technical specifications:

Floodlight:

Model: LRFS-28C001-W/BK

Power supply: embedded Lithium battery 3,7V DC / 1500 mAh

Charging: solar panel 5V DC / 1W

Power: 5W

Light source: COB LED

Light intensity: 510 lm

Color temperature: day light 6500K

Beam angle: 180°

Power up time: 0.5 s

CRI value: ≤ 70 Ra

Housing: plastic

Operating temperature: -20, +40 °C

Charging time: ~10h

Operating time: ~60 minutes

Life span : ~500 chargings

Floodlight dimensions: 18x 18 x11 cm

Panel dimensions: 20x 19.2x 5 cm

Cord length: 5 m

Protection: IP44

Sensor:

Sensor range: 2-12m

Detection angle: 120°

Light sensitivity: 20 – 50000 Lux

Illumination time: 8 s to 2 min



Do not discard with communal waste. At the end of its life, dispose of product at a facility specializing in the collection of electronic waste. If you have any question or remark in connection with this, contact the seller or local waste management organization. By doing so, you will protect the environment as well as the health of others and yourself.



Uputstvo za upotrebu User manual Navodilo za uporabo

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