# 100W SOLAR LED Outdoor Floodlight - ORION

## Product code:

Reference: SFL-ORION-100W

## Technical specifications:

REFERENCE: SFL-ORION-100W
Rated Power : 100w Chip
Colour: 5000K
CRI - Chromatic Rendiment Index: 80
Construction Material: Aluminiun+PC
Luminosity-Lm: 1200
Number & Type of LEDs: SMD 5050
Beam Angle (º): 90°
Dimmable: YES
Certifications: CE - ROHS
IP : IP65-Outdoor
Diode Life Expectancy (H): 25000
Dimensions (mm): 224x187x45mm -- Panel: 300x205x17mm
Temperature Range (ºC): -20ºC ~ 45ºC
Other Information: Panel 10W / 5VWorking Time: 12h - Charging Time: 4-6H
Material of the Battery: LiFePO4 - Litio-Ferrofosfato -LPF - Battery 10A - (10000mA)
Download Time: 12H
Control modes: CONTROL + INFRARED
Energy Rating (2021-UE-2019/2015): A++
Warranty Years: LED: 5 years, - Battery: 3 years
Time-Delay: Automatic: 100% 1ªh.- 80% 2ª h. -60% 3ªh.- 50% 4ªh- 30% 5º-8ªh.

## Product short description:

This **100W Solar LED Floodlight** has a **solar panel** that allows it to recharge its integrated battery. This Solar Floodlight does not need to be connected to the electrical grid. Its installation and operation are very simple, so that during the daytime, the panel powers and charges the integrated battery in the floodlight. It includes a **programmable control remote.**

Start saving now! **5-YEAR WARRANTY!**

## Product description:

Outdoor Solar LED Floodlight 100W

Discover the **Outdoor Solar LED Floodlight 100W**, the perfect solution for efficiently and autonomously illuminating your outdoor spaces! This innovative projector is manufactured with high-quality materials such as aluminum and PC, ensuring its durability and resistance to adverse weather conditions.

One of the standout features of this projector is its ability to operate without the need for electrical power. Thanks to its high-efficiency polycrystalline solar panel, you can harness the energy of the sun and convert it into bright light.

High-Capacity, **Replaceable Lithium Battery**: The high-quality, replaceable ferrolithium battery provides a reliable and long-lasting power source.

**Easy Operation**: You can use the LED projector connected to the solar panel or independently. In the latter case, it does not operate in automatic mode and can be turned on or off using the remote control.

- **Automatic Mode**: This mode is only possible with the solar panel permanently connected. In this way, the LED projector only turns on when it detects a luminosity below 50 lux; otherwise, it turns off. This automatically turns on at night and off during the day.

- **Manual Mode**: By pressing the ON/OFF button, the LED projector turns on, and pressing the same button again turns the projector off, regardless of the ambient brightness.

**Remote Contro**l:

- **ON/OFF** Button: The LED projector turns on, and pressing the same button again turns the projector off, regardless of the ambient brightness.
- **OFF** Button: Activates/deactivates the light sensor mode.
- **3H** Button: Activates the LED projector for a continuous period of 3 hours and repeats the process on subsequent days.
- **5H** Button: Activates the LED projector for a continuous period of 5 hours and repeats the process on subsequent days.
- **8H** Button: Activates the LED projector for a continuous period of 8 hours and repeats the process on subsequent days.
- **Maximum Brightness Button**: Increases brightness in 20% intervals up to 100%.
- **Minimum Brightness Button**: Decreases brightness in 20% intervals down to 20%.

It is recommended to install it at a height of 3-4 meters.

The **Outdoor Solar LED Floodlight 100W** has various applications due to its versatility and lighting capacity. Some of the most common applications include:

1. Outdoor Lighting: This floodlight is ideal for illuminating outdoor areas such as gardens, patios, terraces, vehicle entrances, pathways, and facades. It provides bright and

Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

uniform lighting, enhancing the safety and aesthetics of the spaces.

2. Event and Celebration Lighting: Thanks to its ability to operate autonomously without the need for an electrical power source, this floodlight is perfect for illuminating outdoor events such as weddings, parties, gatherings, and special celebrations. You can create magical atmospheres and highlight decorative elements with its powerful cool white light.

3. Signage and Security: The Outdoor Solar LED Floodlight 100W is ideal for signaling important areas or elements in outdoor environments, such as signs, billboards, fences, shop windows, and pedestrian traffic areas. Additionally, its intense and clear lighting contributes to improving security by deterring potential intruders and ensuring good visibility at night.

4. Commercial Area Lighting: If you have a business or commercial establishment with outdoor spaces, this floodlight can highlight your establishment's facade, attract customer attention, and create an attractive atmosphere during nighttime hours. It is also useful for illuminating shop windows, signs, and special promotions.

5. Architectural Project Lighting: Thanks to its compact and aesthetic design, this floodlight is perfect for highlighting architectural elements of buildings, monuments, statues, and urban landscapes. You can create dramatic lighting effects and enhance the beauty of structures.

**This floodlight comes with a 5-year warranty.**

At FactorLED, we ensure that our products are of high QUALITY and provide all the necessary elements for DISTRIBUTION, IMPORTATION, or WHOLESALE, including the technical specifications of each LED product.

## Additional images: