

# 100W Solar LED Floodlight LUMILEDS chip 2000Lm with RADAR sensor

## Product codes:

Reference: IL100W

## Product features:

Power (W): 100  
Color temperature CCT: Seleccionable  
3000K-4000K-6000K  
LED: SMD2835  
LED chip brand: Philips LUMILEDS  
Dimmable: Control Remoto  
Brightness (Lm): 2000  
CRI: +75  
Colour: Grey  
IP: IP65  
IK: IK08  
Luminous angle: 90°  
Measures (mm): Proyector: 210x211x38mm  
Measures (mm): Panel solar: 350x235x17mm  
Material: Aluminum + PMMA  
Operating temperature: -20°C ~ +55°C  
Energy efficiency 2023: A  
Lifespan: 30.000h  
Certification: CE - RoHS  
Warranty: 3 años



## Product attributes:

Color temperature CCT (°K): Selectable CCT (3000K-4000K-6000K)

## Product description:

100W CCT Outdoor Solar LED Floodlight LUMILEDS chip The **100W outdoor solar LED floodlight** is a powerful and efficient lighting solution, with selectable CCT color temperature between 3000K / 4000K / 6500K and a luminous flux of 2000 lumens. Equipped with an independent 12W monocrystalline solar panel, it guarantees completely autonomous operation without the need for electrical connection.

This **LUMILEDS solar LED floodlight** is ideal for those seeking versatile and sustainable outdoor lighting. With a brightness of 2000 lumens and selectable color temperature, this floodlight ensures clear and adaptable lighting for different needs. Equipped with high-brightness **LUMILEDS SMD2835** LED chips, it offers high luminous efficiency.

The **solar LED floodlight** includes an integrated 12000mAh LiFePO4 battery, providing up to 10 hours of operation. Additionally, it comes with a remote control that allows adjusting light intensity, programming usage time, and selecting different working modes. The built-in RADAR motion sensor is deactivatable via the remote control, allowing users to adjust it according to their preferences.

The floodlight and solar panel are connected by a 4-meter cable, facilitating installation and optimizing solar capture, even in areas with little direct light. Additional cables can be added to extend the length as needed. The floodlight has a 90° luminous angle for efficient and well-directed lighting.

## Technical Specifications

- **Power:** 100W
- **Luminous Flux:** 2000 lumens
- **Color Temperature:** Selectable 3000K / 4000K / 6500K
- **LED Chips:** LUMILEDS SMD2835 high brightness
- **Solar Panel:** Independent 12W monocrystalline
- **Battery:** 12000mAh LiFePO4
- **Autonomy:** Up to 10 hours
- **Motion Sensor:** Deactivatable RADAR
- **Remote Control:** Included, allows adjusting intensity, usage time, and working modes
- **Connection Cable:** 4 meters, extendable
- **Luminous Angle:** 90°
- **Floodlight Dimensions:** 210x211x38mm
- **Solar Panel Dimensions:** 350x235x17mm
- **Installation:** Flexible to maximize solar capture

What is an Outdoor Solar LED Floodlight?

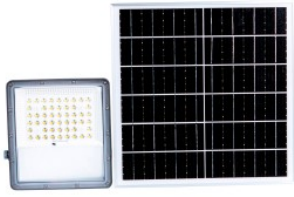
An **outdoor solar LED floodlight** is a lighting device that uses solar energy to charge its battery and power its LED lights. It consists of a solar panel that captures energy from the sun during the day and converts it into electricity to recharge the internal battery. At dusk, the LED floodlight uses the stored energy to provide efficient and eco-friendly lighting.

Solar floodlights are ideal for outdoor areas where lighting is needed, such as gardens, patios, terraces, and pathways. They are easy to install, do not require connection to the electrical grid, and do not emit carbon emissions, making them a sustainable and economical option.

Uses and Applications

- **Garden Lighting:** Ideal for highlighting plants, flowers, and trees, creating a magical and welcoming atmosphere.
- **Facade Lighting:** Perfect for illuminating the facade of the house, enhancing its aesthetics and security.
- **Pathway Lighting:** Provides clear and safe lighting for garden paths and walkways.
- **Patio and Terrace Lighting:** Offers pleasant ambient lighting for enjoying outdoor evenings.
- **Decorative Lighting:** Allows creating attractive visual effects for events and celebrations in the garden.

**Product gallery:**



02

 Solar Panel

Long lasting  
improve 18% power  
output efficiency  
Up to 90% conversion rate

