

200W Solar LED Floodlight LUMILEDS chip 3000Lm with RADAR sensor

Product codes:

Reference: IL200W

Product features:

Power (W): 200
Color temperature CCT: Seleccionable
3000K-4000K-6000K
LED: SMD2835
LED chip brand: Philips LUMILEDS
Dimmable: Control Remoto
Brightness (Lm): 3000
CRI: +75
Colour: Grey
IP: IP65
IK: IK08
Luminous angle: 90°
Measures (mm): Proyector: 274x247x45mm
Measures (mm): Panel solar: 350x450x17mm
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:

200W Outdoor Solar LED Floodlight The **200W 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 3000 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 3000 lumens and selectable color temperature, this floodlight ensures clear and adaptable illumination for different needs. Equipped with **LUMILEDS SMD2835** high-brightness 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 features a remote control that allows adjusting light intensity, programming usage time, and selecting different working modes. The integrated RADAR motion sensor can be deactivated via the remote control, allowing the user 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° light angle for efficient and well-directed illumination.

Technical Specifications

- **Power:** 200W
- **Luminous Flux:** 3000 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
- **Light Angle:** 90°
- **Floodlight Dimensions:** 238x233x43mm
- **Solar Panel Dimensions:** 350x350x17mm
- **Installation:** Flexible to maximize solar capture

What is an Outdoor Solar LED Floodlight?

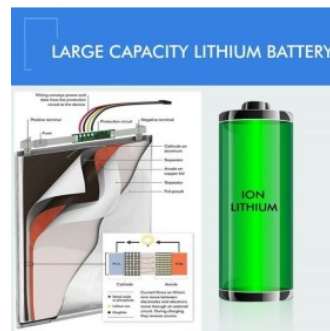
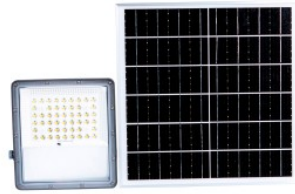
An **outdoor solar LED floodlight** is a lighting device that uses solar energy to charge its battery and power its LED lights. It consists of a solar panel that captures energy from the sun during the day and converts it into electricity to recharge the internal battery. At dusk, the LED floodlight 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 paths. 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 house facade, enhancing its aesthetics and security.
- **Path Lighting:** Provides clear and safe illumination for garden paths and walkways.
- **Patio and Terrace Lighting:** Offers pleasant ambient lighting for enjoying evenings outdoors.
- **Decorative Lighting:** Allows creating attractive visual effects for garden events and celebrations.

Product gallery:



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Solar Panel

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

