

300W Solar LED Floodlight Selectable CCT LUMILEDS chip 4000Lm with RADAR sensor

Product codes:

Reference: IL300W

Product features:

Power (W): 300
Color temperature CCT: Seleccionable
3000K-4000K-6000K
LED: SMD2835
LED chip brand: Philips LUMILEDS
Dimmable: Control Remoto
Brightness (Lm): 4000
CRI: +75
Colour: Grey
IP: IP65
IK: IK08
Luminous angle: Panel solar: 350x450x17mm
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:

300W CCT Outdoor Solar LED Floodlight LUMILEDS chip The **outdoor solar LED floodlight** of 300W is a powerful and efficient lighting solution, with selectable CCT color temperature between 3000K / 4000K / 6500K and a luminous flux of 4000 lumens. Equipped with an independent 24W monocrystalline solar panel, it ensures fully autonomous operation without the need for a power grid connection.

This **LUMILEDS solar LED floodlight** is ideal for those seeking versatile and sustainable outdoor lighting. With a brightness of 4000 lumens and selectable color temperature, this floodlight ensures clear lighting adaptable to various 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 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 limited 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 lighting.

Technical Specifications

- **Power:** 300W
- **Luminous Flux:** 4000 lumens
- **Color Temperature:** Selectable 3000K / 4000K / 6500K
- **LED Chips:** LUMILEDS SMD2835 high brightness
- **Solar Panel:** Independent monocrystalline 24W
- **Battery:** 12000mAh LiFePO4
- **Autonomy:** Up to 10 hours
- **Motion Sensor:** Deactivable RADAR
- **Remote Control:** Included, allows adjusting intensity, usage time, and working modes
- **Connection Cable:** 4 meters, with extension possibility
- **Light Angle:** 90°
- **Floodlight Dimensions:** 274x247x45mm
- **Solar Panel Dimensions:** 350x450x17mm
- **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 power 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.
- **Path lighting:** Provides clear and safe lighting 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 events and celebrations in the garden.

Product gallery:



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Solar Panel

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

