Portable 50W Solar LED Floodlight - 3CCT - Lumileds Chip IP65

Product code:

Reference: SWL50W-CCT-91333

Technical specifications:

REFERENCE: SWL50W-CCT-91333
Nominal Voltage: DC5V
Colour: 3CCT SELECT 3000K-4000K-5700K
CRI - Chromatic Rendiment Index: 70
Construction Material: Aluminum + Polycarbonate (UV Anti-radiation)
Luminosity-Lm: 1500 LM
Beam Angle (º): 120º
Luminous diodo LED (Lm/W): 120Lm/W
Certifications: CE, CMIM, RoHS
IP : IP65-Outdoor
Diode Life Expectancy (H): 40.000
Dimensions (mm): 150x122x51 mm
Frequency (Hz): 50/60Hz
Temperature Range (ºC): -20ºC ~ +50ºC
On/Off Cycles: 100.000
Starting Time (s): 0,2s
Material of the Battery: LiFePO4 - Lithium-Ferrophosphate -LPF

Product short description:

The **Portable 50W Solar LED Floodlight** is the perfect solution for **efficient and eco-friendly lighting**. With **3CCT technology** and **1500 lumens**, it provides adaptable light for any need. Its **Lumileds SMD 2835 chip**, combined with a **5V/5W monocrystalline solar panel** and a **3.2V 4Ah battery**, ensures optimal performance and great autonomy.
Thanks to its **remote control**, you can easily adjust the **color temperature, brightness, and power modes**. Made of **aluminum** and with **IP65 certification**, it is **waterproof** and perfect for outdoor use.

Product description:

Portable 50W Solar LED Floodlight - 3CCT - Lumileds Chip IP65

If you're looking for an efficient, portable, and sustainable lighting solution, the 50W Portable Solar LED Floodlight is your best choice. Designed to deliver **maximum lighting power with zero electricity consumption**, this floodlight is perfect for **outdoor areas, worksites without electricity, and emergency situations**.

This floodlight features **3CCT technology**, allowing you to **choose between three color temperatures** (warm, neutral, and cool white) based on your needs. With **50W of power and 1500 lumens**, it offers **bright and uniform illumination**, ideal for any setting.

The **SMD 2835 Lumileds LED chip** ensures **high energy efficiency, longer lifespan, and superior performance** compared to other LED technologies.

Thanks to its **5V/5W monocrystalline solar panel**, the floodlight **maximizes solar energy usage**, charging its **3.2V 4Ah battery** to deliver hours of lighting **without needing an electrical connection**. This makes it an **eco-friendly, economical, and reliable** solution.

Full control with the remote

This floodlight comes with a **remote control** that allows you to **adjust the color temperature, brightness, and lighting modes** with ease. No need to approach the light to make changes — just use the remote and set it to your liking.

Easy Operation: Adapted to your needs

Standalone mode: Use the floodlight without the solar panel connected, controlling it directly with the remote. In this case, **automatic mode won't work**, but you can turn it on or off as needed.

Solar panel mode: When the solar panel is **permanently connected**, you can enable **automatic mode**, where the light **turns on at night and off during the day** thanks to its **light sensor (50 lux)**.

Operating Modes

Automatic Mode: The floodlight automatically switches on when **ambient light drops below 50 lux**, and switches off at sunrise. This mode requires the solar panel to be **permanently connected**.

Manual Mode: Pressing the **ON/OFF button** lets you turn the LED floodlight on or off **at any time**, regardless of the ambient light. Perfect for immediate and simple control.

Remote control included – Total convenience at your fingertips

The **remote control** lets you **adjust every aspect of the floodlight** quickly and from a distance:

- **ON/OFF button**: Turns the LED floodlight on or off at any time.

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

- **OFF (sensor) button**: Activates or deactivates the **automatic light sensor mode**.

- **3H / 5H / 8H buttons**: Programs the floodlight to stay on for **3, 5, or 8 continuous hours**, repeating the cycle daily.

- **Maximum Brightness button**: Increases brightness in **20% increments** up to **100%** intensity.

- **Minimum Brightness button**: Decreases brightness in **20% steps** down to **20%**, ideal for **energy saving** or creating **a softer ambient light**.

Made of **high-quality aluminum**, the **50W Portable Solar LED Floodlight** is built to **withstand extreme conditions**. Its **IP65 certification** makes it **water, dust, and moisture resistant**, ensuring reliable performance even in heavy rain or dusty environments.

Uses and Applications

Thanks to its **portability**, **power**, and **autonomy**, this LED floodlight is perfect for:

- **Gardens and terraces** – Light up outdoor spaces without wiring.

- **Construction sites** – Great for night work or off-grid locations.

- **Camping and outdoor activities** – Ideal for hiking, fishing, and picnics.

- **Garages and parking areas** – Provides optimal lighting with no installation needed.

- **Outdoor events and fairs** – Bring light to any event with no power concerns.

- **Emergency situations** – Useful during blackouts or power outages, offering instant lighting.

In FactorLED we ensure that our products have QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESALE, including the technical data sheet of each LED product.

Additional images: