

50W Outdoor LED Floodlight PIR Motion Sensor 5500Lm

Product codes:

Reference: FLS50W



Product features:

Power (W): 50
Power source (V): 100-240V
Color temperature CCT: 3000K
Color temperature CCT: 4000K
Color temperature CCT: 6500K
LED: SMD2835
Luminous efficacy (Lm/W): 110
Brightness (Lm): 5500
CRI: +70
Colour: Black
IP: IP65
IK: IK10
Luminous angle: 120°
Frequency (Hz): 50-60Hz
Power factor: 0.95
Measures (mm): 240x200x57mm
Material: Aluminum + glass
Operating temperature: -20°C ~ +40°C
Energy efficiency 2021: A+
Energy efficiency 2023: F
Lifespan: 50.000h
Certification: CE - RoHS
Warranty: 5 años

Product attributes:

Color temperature CCT (°K): Warm white 3000K, Natural white 4000K, Cool white 6500K

Product description:

50W Outdoor LED Floodlight with PIR Motion Sensor - 5500 Lumens Outdoor Lighting with Motion Detection and Dusk Sensor

The **50W Outdoor LED Floodlight with PIR Motion Sensor** is a high-performance luminaire designed to provide security and efficiency in any outdoor environment. Made of **black aluminum and glass**, this floodlight offers excellent durability and resistance, thanks to its **IP65 protection rating** against water and dust, and its **IK10 resistance rating**, making it highly resistant to impacts.

Integrated PIR Motion Sensor and Dusk Sensor

This floodlight features an integrated **PIR motion sensor** capable of detecting movement accurately and adjusting its activation time and detection range. The **detection range** and **lighting duration** can be configured to suit the needs of each installation. Additionally, the built-in **dusk sensor** detects ambient light, activating the floodlight only in low-light conditions, maximizing energy savings.

Power and Efficiency

With a power of **50W** and a **luminous flux of 5500 lumens**, the LED floodlight provides bright and uniform lighting, thanks to its **high-efficiency SMD2835 LED chip (110Lm/W)**. The **120° optics** allow for wide light coverage, making it ideal for patios, gardens, garages, and any outdoor area that requires security and visibility.

Technical Specifications

- **Power:** 50W
- **Luminous Flux:** 5500 lumens
- **Luminous Efficiency:** 110Lm/W
- **LED Chip:** SMD2835
- **Material:** Aluminum and glass
- **Optics:** 120°
- **Power Factor:** >0.95
- **Protection Rating:** IP65 (Water and dust resistant)
- **Resistance Rating:** IK10 (Impact resistance)
- **Motion Sensor:** PIR adjustable in time and distance
- **Dusk Sensor:** Automatic activation in low-light conditions
- **Dimensions:** 240x200x57mm
- **Warranty:** 3 years

Recommended Uses and Applications

- Garden and patio lighting
- Garage and parking lot entrances
- Facade and perimeter lighting
- Security for entrances and passage areas
- Outdoor lighting for residential and commercial areas

The **50W Outdoor LED Floodlight with PIR Motion Sensor** is the ideal choice for those seeking an efficient, secure, and high-performance lighting solution for their outdoor spaces.

Product gallery:

