

500W modular LED Floodlight LUMILEDS chip INVENTRONICS driver 62500Lm

Product codes:

Reference: LM648-500W



Product features:

Power (W): 500
Power source (V): 85-265V
Color temperature CCT: 4000K
Color temperature CCT: 6000K
LED: SMD5050
LED chip brand: Philips LUMILEDS
Dimmable: 1/10V
Brightness (Lm): 62500
CRI: +70
Colour: Grey
IP: IP65
IK: IK08
Luminous angle: 60°
Frequency (Hz): 50-60Hz
Power factor: 0.9
Measures (mm): 495x440x140mm
Material: Aluminum + PC
Driver: INVENTRONICS
Operating temperature: -20°C ~ +55°C
Energy efficiency 2021: A+
Energy efficiency 2023: F
Lifespan: 50.000h
Certification: CE - RoHS
Warranty: 5 años

Product attributes:

Color temperature CCT (°K): Cool white 6000K, Natural white 4000K

Product description:

500W LED Floodlight LUMILEDS Chip - 62500 Lumens

The **500W LED Floodlight** with **LUMILEDS** chip is a high-power, next-generation lighting solution designed to cover large spaces with intense and uniform lighting. With a power of **500W** and a **luminous flux of 62500 lumens**, this floodlight is ideal for illuminating long distances, such as **sports stadiums, ports, and tall towers**. Its robust construction in **aluminum and polycarbonate (PC)** ensures resistance to weather and impacts.

This LED floodlight is rated with **IP65 protection**, making it perfect for outdoor use, withstanding adverse weather conditions like rain and dust. Additionally, thanks to its **adjustable yoke**, the floodlight is adjustable, allowing the light to be precisely directed to key areas.

High-Quality Driver and Surge Protection

The **500W LUMILEDS LED Floodlight** is equipped with a high-quality **INVENTRONICS LED Driver** that is flicker-free, ensuring stable, flicker-free lighting. It also includes **6Kv surge protection**, protecting the fixture from voltage spikes and

ensuring a long lifespan.

60° Optics for Long-Distance Coverage

With its **60° optics**, this floodlight is designed to illuminate large areas and cover long distances with clear and powerful light. Its adjustable design allows the light to be directed as needed, offering flexibility and versatility for a wide range of applications.

Technical Specifications of the 500W LUMILEDS LED Floodlight

- **Power:** 500W
- **Luminous Flux:** 62500 lumens
- **Beam Angle:** 60°
- **LED Chip:** High-performance LUMILEDS
- **Material:** Aluminum + PC
- **Protection:** IP65
- **Driver:** INVENTRONICS flicker-free
- **Surge Protection:** 6Kv
- **Dimensions:** 440x495x140mm
- **Warranty:** 5 years

Applications of the 500W LUMILEDS LED Floodlight

The **500W LED Floodlight** is designed for demanding applications in large outdoor and industrial areas. Thanks to its power and long-range optics, it is ideal for:

- **Port Areas:** Powerful lighting for logistics and port areas.
- **Large Parking Areas:** Uniform light coverage for extensive parking spaces.
- **Football Fields:** Perfect for illuminating outdoor sports areas.
- **Sports Stadiums:** Provides clear, even lighting for large-scale events.
- **Airports:** Efficient lighting for runways and maneuvering areas.
- **Large Warehouses:** Ensures complete, efficient lighting for storage spaces.
- **Production Factories:** Precise lighting for high-activity industrial environments.
- **Tunnels and Roads:** Ideal floodlight for long-distance lighting and improving safety in tunnels and highways.

Product gallery:

