

# 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:**





