

480W MATRIX LED Floodlight Bridgelux chip XITANIUM DRIVER 76800Lm

Product codes:

Reference: 0000M480W



Product features:

Power (W): 480
Power source (V): 85-265V
Color temperature CCT: 5000K
LED: SMD5050
LED chip brand: BRIDGELUX
Luminous efficacy (Lm/W): 240
Brightness (Lm): 76800
CRI: +70
Colour: Black
IP: IP65
IK: IK10
Luminous angle: 20°
Luminous angle: 40°
Luminous angle: 90°
Frequency (Hz): 50-60Hz
Power factor: 0.94
Measures (mm): 500x300x330mm
Material: Aluminum + PC
Operating temperature: -20°C ~ +55°C
Energy efficiency 2021: A+
Energy efficiency 2023: C
Lifespan: 50.000h
Certification: CE - RoHS
Warranty: 5 años

Product attributes:

Color temperature CCT (°K): Cool white 5000K
Óptica: 20°, 40°, 90°

Product description:

480W MATRIX LED Floodlight with Bridgelux Chip - 240Lm/W

The **480W MATRIX LED Floodlight** is a high-power lighting solution designed to effectively illuminate any large space. This floodlight consists of **4 modules of 120W** each, powered by a high-quality **PHILIPS XITANIUM Driver**, ensuring superior performance and exceptional durability. If more power is required, modules can be purchased in pairs, allowing configurations of **240W, 480W, up to 960W**, adapting to the project's needs.

The floodlight also includes the driver mounting plate and adjustable arm, allowing it to be fixed to the desired surface and direct the light where needed.

High-Efficiency Bridgelux Chip and Focus Lens

The **MATRIX LED Floodlight** stands out by using **SMD 5050 chips with 12 cores** and **Bridgelux (USA)** technology, offering an efficiency of **240Lm/W**, ideal for covering large areas with powerful and uniform lighting. Thanks to its different

optics with a **focus lens**, the floodlight is available with different beam angles: **20°, 40°, and 90°**, ensuring the light is concentrated exactly where needed, achieving the required lux levels for any application.

Lightweight and Durable 6063 Aluminum Construction

Made from **6063 aluminum**, both the casing and handles, the **480W MATRIX LED Floodlight** is lightweight, making it easy to transport and install, even at great heights. Additionally, its **anti-corrosion paint** ensures high durability, withstanding all types of weather conditions and reducing saline oxidation, making it an ideal choice for outdoor installations in demanding environments.

With the most advanced LED technology, this floodlight guarantees energy savings of up to **80%** compared to conventional lighting systems, without compromising lighting quality.

Technical Specifications of the 480W MATRIX LED Floodlight

- **Power:** 480W (4 modules of 120W each)
- **Luminous Flux:** 76,800 lumens
- **LED Chip Efficiency:** 240Lm/W
- **LED Chip:** BRIDGELUX SMD 5050 with 12 cores
- **Beam Angle:** 20°, 40°, 90°
- **Material:** 6063 Aluminum with anti-corrosion paint
- **Dimensions:** 300x500x330mm
- **Power Factor:** 0.94
- **Protection Rating:** IK10 (impact resistance)
- **Color Rendering Index:** CRI>70
- **Warranty:** 5 years

Applications of the 480W MATRIX LED Floodlight

The **480W MATRIX LED Floodlight** is designed to illuminate large outdoor and industrial spaces. Thanks to its high power and multiple lens options, it is perfect for:

- **Port Areas:** Efficient lighting for port and logistics spaces.
- **Large Parking Areas:** Uniform coverage without shadows.
- **Football Fields:** Provides clear and powerful light for illuminating sports areas.
- **Sports Stadiums:** Ensures optimal visibility for large-scale events.
- **Airports:** Precise and efficient lighting for runways and maneuvering areas.
- **Large Warehouses:** Ensures complete and safe lighting in storage spaces.
- **Production Factories:** Powerful lighting for industrial production areas.

Product gallery:

