

960W MATRIX LED Floodlight Bridgelux chip XITANIUM driver 153600Lm

Product codes:

Reference: 0000M960W



Product features:

Power (W): 960
Power source (V): 85-265V
Color temperature CCT: 5000K
LED: SMD5050
LED chip brand: BRIDGELUX
Luminous efficacy (Lm/W): 240
Brightness (Lm): 153600
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): 615x500x330mm
Material: Aluminum + PC
Driver: Philips XITANIUM
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:

960W MATRIX LED Floodlight with Bridgelux Chip - 240Lm/W

The **960W MATRIX LED Floodlight** is a high-power lighting solution designed to effectively illuminate large spaces. This floodlight consists of **8 modules of 120W** each, powered by a high-quality **PHILIPS XITANIUM Driver**, ensuring superior performance and exceptional durability. If more power is needed, the modules can be purchased in pairs, allowing configurations of floodlights with **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 directing the light where needed.

High-Efficiency Bridgelux Chip and Concentrator Lens

The **MATRIX LED Floodlight** stands out for 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 using a **concentrator lens**, the floodlight is available with different beam angles: **20°, 40°, and 90°**, ensuring that the light is focused exactly where needed, achieving the required lux levels for any application.

Lightweight and Durable 6063 Aluminum Construction

Made from **6063 aluminum**, both for the housing and handles, the **960W MATRIX LED Floodlight** is lightweight, facilitating transport and installation, even at great heights. Additionally, its **anti-corrosive paint** provides excellent durability, resisting all weather conditions and reducing salt oxidation, making it ideal for outdoor installations in demanding environments.

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

Technical Specifications of the 960W MATRIX LED Floodlight

- **Power:** 960W (8 modules of 120W each)
- **Luminous Flux:** 153,600 lumens
- **LED Chip Efficiency:** 240Lm/W
- **LED Chip:** BRIDGELUX SMD 5050 with 12 cores
- **Beam Angle:** 20°, 40°, 90°
- **Material:** 6063 aluminum with anti-corrosive paint
- **Dimensions:** 615x500x330mm
- **Power Factor:** 0.94
- **Protection Rating:** IK10 (impact resistance)
- **Color Rendering Index (CRI):** >70
- **Warranty:** 5 years

Applications of the 960W MATRIX LED Floodlight

The **960W 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 areas.
- **Large Parking Lots:** Uniform coverage without shadows.
- **Football Fields:** Provides clear and powerful light for sports areas.

Product gallery:

