240W MATRIX LED Floodlight Bridgelux chip XITANIUM driver 38400Lm

Product codes:

Reference: 0000M240W



Product features:

Power (W): 240
Power source (V): 85-265V
Color temperature CCT: 5000K
LED: SMD5050
LED chip brand: BRIDGELUX
Luminous efficacy (Lm/W): 240
Brightness (Lm): 38400
Color rendering index (Ra):: ?70
Colour: Black
IP: IP65
IK: IK10
Luminous angle: 20º
Luminous angle: 40º
Luminous angle: 90º
Frequency (Hz): 50-60Hz
Power factor ?: 0.94
Measures (mm): 300x250x330mm
Material: Aluminum + PC
Driver: Philips XITANIUM
Operating temperature: -20ºC ~ +55ºC
Energy efficiency 2021: A+
Energy efficiency 2023: C
Lifespan: 50.000h
Warranty: 5 años

Product attributes:

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

Product description:

Modular high-power floodlight, 20/40/90º optics LED Floodlight 240W MATRIX Bridgelux Chip 38400 lm XITANIUM Driver IP65

The combines 2 120W modules with a 12-core BRIDGELUX SMD5050 chip (240 lm/W) and a PHILIPS XITANIUM driver, for . 20º/40º/90º optics, 100% 6063 aluminium, orientable, IP65, expandable in pairs up to 960W, 5-year warranty.

? 240W? 38400 lm? 240 lm/W? IP65

240W
Power38400 lm
Luminous flux240 lm/W
Diode efficiencyIP65
Protection

The **240W MATRIX LED floodlight** is a high-power lighting solution designed to efficiently light any large space. It consists of 2 120W modules, powered by a high-quality PHILIPS XITANIUM driver. To increase power, modules are bought in pairs, allowing 240W, 480W up to 960W configurations depending on the project.

It includes the driver mounting plate and the **adjustable bracket** to fix it to the desired surface and aim the light. The floodlight stands out for its **12-core SMD5050 BRIDGELUX (USA)** chips, offering 240 lm/W, and for its concentrating lens available in 20º, 40º and 90º optics, to focus the light exactly where needed. Made 100% of 6063 aluminium (light), with anticorrosion paint, IP65 and 5-year warranty.

Why choose this product? **? Modular, 240 lm/W**

2 120W modules, expandable in pairs up to 960W. **? 20/40/90º optics**

Concentrating lens, 12-core BRIDGELUX SMD5050. **? Orientable, IP65**
6063 aluminium, PHILIPS XITANIUM driver, 5-year warranty. Technical specifications Product typeModular MATRIX LED floodlightPower240WModules2 x 120WLuminous flux38400 lmLED diodeBRIDGELUX SMD5050 12-coreDiode efficiency240 lm/WDriverPHILIPS XITANIUMOptics20º / 40º / 90ºExpandabilityIn pairs up to 960WOrientationAdjustable bracketMaterial6063 aluminiumProtectionIP65Warranty5 years Advantages

- **38400 lm modular:** 2 120W modules.
- **Expandable in pairs:** up to 960W.
- **20/40/90º optics:** concentrating lens.
- **BRIDGELUX SMD5050:** 12-core, 240 lm/W.
- **PHILIPS XITANIUM driver:** reliability and durability.
- **IP65, 5-year warranty:** light 6063 aluminium.

Recommended applications ?**Port areas** — very high-power lighting.?**Stadiums and pitches** — sports lighting.?**Airports** — large surfaces.?**Large car parks and factories** — strong brightness. Installation guide 1**Switch off the power**
Cut the supply before installation.2**Fix the floodlight**
Mount the floodlight via its adjustable bracket on the structure.3**Wire the driver**
Connect the PHILIPS XITANIUM driver to the modules and the mains.4**Aim and choose the optic**

Set the tilt and the angle (20º, 40º or 90º). Frequently asked questions **Can the power be increased?**

Yes, modules are added in pairs (up to 960W). **Which optic angles?**

20º, 40º or 90º thanks to the concentrating lens. **What is the luminous flux?**
38400 lumens, with a 240 lm/W SMD5050 diode. ?

240W
38400 lm?

20/40/90º
Modular?

IP65
6063 alu?

Warranty
5 years

Product gallery:


PHILIPS
Xitanium
LED driver
STADIUM
PHILIPS
MATRIX



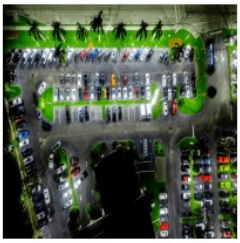







High quality PC
High lumen transmission






300mm
330mm
250mm


bridgelux
Bridging Light and Life
SMD5050 -12 CORES 2240DS-C30
240Lm/W
SMD5050
12 Cores Inside:2240 DAC30