

## LED Floodlight 240W - STADIUM MATRIX - Philips Xitanium Driver - SMD5050 Bridgelux 240Lm/W High Brightness



### Product code:

Reference: MATRIX-240W

### Technical specifications:

REFERENCE: MATRIX240W  
Rated Power : 240W  
Nominal Voltage: 85-265V  
Colour: 5000K  
CRI - Chromatic Rendiment Index: 70  
Construction Material: Aluminium+PC  
Luminosity-Lm: 48000 Lm  
Number & Type of LEDs: SMD 5050-12D BRIDGELUX CHIP 2240 BXCD DS-C47  
Beam Angle (°): 20° - 40° - 90°  
Luminous diodo LED (Lm/W): 240 Lm/W  
Luminous Efficiency (Lm/W): 160 Lm/w  
Certifications: CE - ROHS  
IP : IP65-Outdoor  
Diode Life Expectancy (H): 50.000  
Dimensions (mm): 300x250x330mm  
Power Factor (PF): 0,94  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -20°C ~ +55°C  
On/Off Cycles: 100.000  
Starting Time (s): 0,2s  
Other Information: THIS PRODUCT IS DELIVERED DISASSEMBLED  
Impact Protection (IK) : IK10  
Driver included: PHILIPS XITANIUM 5 YEARS  
Energy Rating (2021-UE-2019/2015): A++  
Warranty Years: 5

### Product short description:

**STADIUM** aluminum **LED Floodlight 240W** with SMD 5050 of 12 cores with **BRIDGELUX chip**, thus achieving a great performance due to its modular design. This **IP65 floodlight** includes **Philips driver** and is designed to reach great distances thanks to its angle. Perfect for **sports stadiums**, port areas, high-rise towers and parking lots.

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The technical specifications of this type of **240w LED floodlight** (120w each module) make it a spotlight capable of effectively illuminating any space at great distances without reducing its luminosity.

The **STADIUM sports floodlights** is composed of 2 modules of 120w and **PHILIPS XITANIUM Driver** to feed them. If we want to increase the power we must acquire the modules in 2, since the driver is prepared for it. This way we can have projectors of 240W - 480W - 960W... In addition to the modules and the driver, it also has the plate of subjection of the driver and the arm to be able to fix it to the wished surface. In addition it is orientable, with which we manage to direct the light towards where we want.

The **MATRIX spotlight** stands out for its SMD 5050 with 12 cores with **BRIDGELUX chip** (USA) that provides the efficiency and reliability that any type of outdoor or sports lighting market demands.

Thanks to the 20°, 40° and 90° angled lenses, the required Luxes are achieved where they are needed.

With its high power 5050 diode, it achieves a **diode efficiency of 240Lm/w** covering all the user's needs.

It has been manufactured with **100% 6063 aluminium**, both in its casing and in its handles, making it a very lightweight product for easy transport and installation. In addition, its paint is anti-corrosive, so it has a great duration and reduces all types of oxidation.

With all its LED technology and the latest market developments, it achieves savings of up to 80% in energy consumption. It has a **5 year guarantee**.

Uses of the 240W LED Floodlight STADIUM MATRIX Bridgelux Chip - Driver Philips

- Port Areas
- Large parking areas

Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

# Technical Datasheet

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- Football Fields
- Sports stadiums
- Airports
- Department stores
- Production factories

In FactorLED we assure that our products have QUALITY guarantee and offer all the necessary elements for the DISTRIBUTION, IMPORT or WHOLESALE, including the technical card of each LED product.

## Additional images:

