LED Floodlight 1200W | CORE MAX | Philips Xitanium DIM 1-10V Driver | SMD5050 BRIDGELUX | Class I | Flicker Free

Product code:

Reference: MDPHL1200W

Technical specifications:

REFERENCE: MDPHL600W-91037
Rated Power : 1200W
Nominal Voltage: 85-305V.
Colour: 5000K -5500K
CRI - Chromatic Rendiment Index: 70
Construction Material: Aluminiun+PC
Luminosity-Lm: 248400 Lm
Number & Type of LEDs: SMD 5050/8W/24V BRIDGELUX CHIP
Beam Angle (º): 20º - 40º - 90º
Luminous diodo LED (Lm/W): 220 Lm/W
Luminous Efficiency (Lm/W): 207 Lm/W
Certifications: CE, CMIM, RoHS
IP : IP65-Outdoor
Diode Life Expectancy (H): 50.000
Dimensions (mm): 565x405x165mm
Power Factor (PF): 0,95
Frequency (Hz): 47/63Hz
Temperature Range (ºC): -20°C ~ +55°C
On/Off Cycles: 100.000
Starting Time (s): 0,2s
Impact Protection (IK) : IK10
Driver included: Philips Xitanium LITE Prog LED drivers Independent Xi LP 320W 0.7-2.1A S1 WL AUX I230
Energy Rating (2021-UE-2019/2015): A++
Energy Rating (2023 - UE-2019/2015): A
Warranty Years: 5

Product short description:

LED Floodlight CORE MAX 1200W with dimmable Philips Xitanium 1-10V driver (optional DALI), aluminum body and high-performance BRIDGELUX SMD5050 chips (220 lm/W). Modular design optimizes heat dissipation and luminous power, available with 20°, 40°, or 90° angles for long distances. Flicker-free, 10kV surge protection. Ideal for stadiums, ports, and tall towers.

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The modular LED spotlight CORE MAX 1200W is designed to deliver maximum luminous performance in demanding applications. Composed of 4 independent 300W modules, it features the prestigious dimmable Philips Xitanium 1-10V driver (optional DALI) and high-performance SMD 5050/8W/24V LED technology with BRIDGELUX chip, achieving an efficiency of 220 lm/W. This modular design not only optimizes thermal dissipation but also maximizes luminous power, adapting to different configurations and needs.

Available with beam angles of 20°, 40°, and 90°, the CORE MAX ensures precise lighting for both long distances and wide areas. Its flicker-free technology eliminates flickering, providing constant and comfortable light, while the 10kV surge protection offers safety and reliability even in demanding electrical environments.

Made entirely of high-quality 6063 aluminum, this spotlight combines strength, lightness, and excellent thermal conductivity, ensuring efficient heat dissipation and extending the lifespan of LED components. Aluminum 6063 is also highly corrosion-resistant, ideal for outdoor applications or in humid or saline environments such as ports and maritime zones.

The surface is treated with oven-baked anti-corrosion paint, forming a protective layer that resists scratches, impacts, and oxidation. This finish not only extends the durability of the equipment but also facilitates cleaning and maintenance, maintaining the spotlight's aesthetics throughout its lifespan.

Thanks to its advanced LED technology, the CORE MAX allows up to 80% energy savings compared to conventional solutions, significantly reducing operating costs. Backed by a 5-year warranty, this spotlight is a safe and long-lasting investment.

Recommended uses and applications:

- Stadiums and sports venues: power and uniformity for professional events.

- Ports and maritime areas: corrosion resistance and high luminous reach.

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

- Tall towers and parking areas: reliable and safe lighting over long distances.

- Industrial and logistics facilities: consistent performance in demanding environments.

With the CORE MAX 1200W LED Spotlight, the combination of precision engineering, high-quality materials, and energy efficiency results in a robust, durable, and highly profitable lighting solution for the most ambitious projects.

At FactorLED we ensure that our products have a QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESALE, including the technical data sheet for each LED product.

Additional images: