

Industrial LED High Bay 120W-100W-80W | UFO GERMANY | 3CCT | Philips Xitanium Driver | Dimmable 1-10V



Product code:

Reference: HBGER100W-CCT-91435

Technical specifications:

REFERENCE: HBGER100W-CCT-91435
Rated Power : 120W
Nominal Voltage: 220-240 V AC
Colour: SELECTABLE COLOUR: 3000K-4000K-6000K
Luminosity-Lm: 15600Lm
Number & Type of LEDs: SMD 2835
Beam Angle (°): 90°
Luminous diode LED (Lm/W): 195Lm/W
Luminous Efficiency (Lm/W): 130Lm/W
Dimmable: 1-10V
Certifications: CE, CMIM, RoHS
IP : IP65-Outdoor
Diode Life Expectancy (H): 50.000
Dimensions (mm): Ø250 * H104mm
Power Factor (PF): 0,95
Other Information: Adjustable Power 120W, 100W, 80W
Other Information:
Surge Protector: 6K
Impact Protection (IK) : IK09
Driver included: Philips Xitanium Driver, 3CCT, 1-10V DIM
Energy Rating (2023 - UE-2019/2015): C
Warranty Years: 5
Units per masterbox: 1

Product short description:

The UFO GERMANY Industrial LED High Bay with 1-10V dimmable Philips Xitanium driver is the ideal solution for powerful, efficient, and adaptable lighting. With adjustable power (120W, 100W, 80W), CCT technology (warm, neutral, or cool light), and a 195Lm/W SMD2835 chip, it delivers high performance and energy savings. Featuring a 90° beam angle and a 5-year warranty, it's the perfect choice for long-lasting and reliable performance.

Product description:

Industrial LED High Bay 120W-100W-80W | UFO GERMANY | 3CCT | Philips Xitanium Driver | Dimmable 1-10V

The UFO GERMANY Industrial LED High Bay is a high-performance lighting fixture designed specifically for demanding industrial environments that require powerful, efficient, and durable illumination. Equipped with a dimmable **Philips Xitanium driver (1-10V)**, this fixture ensures precise energy management and consistent performance even in the toughest conditions.

Adjustable Power: Tailored to Any Space

A key feature is its integrated power selector allowing configuration at 120W, 100W, or 80W. This flexibility lets you adapt light intensity based on room size, mounting height, or task requirements. For example, 120W for high-ceiling production areas, 100W for general work zones, or 80W for corridors or low-activity spaces, providing energy efficiency and full control.

Adjustable Color Temperature (CCT): Lighting That Adapts to You

Unlike many fixtures on the market, this high bay allows color temperature adjustment via integrated CCT technology, even using a Xitanium driver—an uncommon feature. Choose between warm (3000K), neutral (4000K), or cool (5700K) light to improve visual comfort, reduce fatigue, and enhance productivity.

Philips Xitanium Dimmable Driver 1-10V: Efficiency and Control

The reliable Philips Xitanium driver enables easy light intensity adjustment via the 1-10V protocol, integrates seamlessly into conventional lighting control systems, and extends product lifespan through optimal energy use.

Maximum Luminous Efficiency with SMD2835 Chip (195 lm/W)

Equipped with high-efficiency SMD2835 LED chips, it delivers up to 195 lumens per watt. This means more light for less power, ideal for industrial facilities where lighting runs many hours daily. It produces clear, uniform, flicker-free light—essential for precision tasks.

90° Beam Angle: Direct and Precise Lighting

The reflector and diffuser design provides a 90-degree beam angle, ensuring efficient light distribution over work areas. This minimizes light loss and shadows, making the workspace safer and more functional.

Robust Construction with IP65 Protection: Ready for Any Environment

The fixture is made with durable materials and rated IP65 for dust and water resistance, perfect for factories, warehouses, workshops, and airports, even under harsh conditions. Its

Technical Datasheet

compact UFO design simplifies installation and reduces maintenance.

5-Year Warranty: Security and Peace of Mind for Your Investment

With a 5-year warranty, this fixture reflects quality components and confidence in its durability, making it a smart long-term investment.

Recommended Applications

- Warehouses and logistics centers
- Factories and workshops
- Assembly areas
- Airports and hangars
- Covered industrial spaces

Conclusion

The UFO GERMANY LED High Bay is more than an industrial light — it's a high-performance tool designed to transform your productive spaces with efficiency, versatility, and resilience.

Additional images:

