

100W UFO Industrial LED High Bay - NEW TITAN CCT - CHIP LUMILEDS SMD 2835



Product code:

Reference: HB100W-CCT-91334

Technical specifications:

REFERENCE: HB100W-CCT-91334
Nominal Voltage: AC180-265V
Colour: 3CCT SELECT 3000K-4000K-5700K
CRI - Chromatic Rendiment Index: 80
Construction Material: Aluminium+PC
Luminosity-Lm: 11000
Number & Type of LEDs: SMD DURIS E 2835 OSRAM CHIPLED
Beam Angle (°): 90°
Luminous diodo LED (Lm/W): 130Lm/W
Luminous Efficiency (Lm/W): 110Lm/W
Certifications: CE, CMIM, RoHS
IP : IP65-Outdoor
Diode Life Expectancy (H): 35.000
Dimensions (mm): Ø207XH56mm
Power Factor (PF): 0.9
Frequency (Hz): 50/60Hz
Temperature Range (°C): -20°C ~ +55°C
On/Off Cycles: 100.000
Starting Time (s): 0,2s
Impact Protection (IK) : IK08
Driver included: DRIVER NO FLICK
Energy Rating (2021-UE-2019/2015): A+
Energy Rating (2023 - UE-2019/2015): E
Warranty Years: 3
Units per masterbox: 10

Product short description:

LED UFO High Bay TITAN 100W NEW TITAN 3CCT. Designed for maximum efficiency and durability, this LED high bay features **LUMILEDS SMD 2835 diodes**, reaching up to **130 lm/W, CRI +80**, and a **power factor of +0.9**. Its **No Flicker driver** and **90° lens** ensure uniform, flicker-free lighting.

Constructed from aluminum + PC and with **IP65 protection**, it's ideal for **indoor and outdoor use in demanding industrial environments**.

Product description:

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The **LED UFO High Bay TITAN 100W NEW TITAN 3CCT** is an advanced industrial lighting solution designed to offer an optimal balance between **energy efficiency, light quality, and structural durability**. Thanks to its innovative technology and high-quality materials, this luminaire stands out as one of the most reliable options for demanding industrial environments.

Equipped with **LUMILEDS SMD 2835 LED diodes**, this high bay achieves a **luminous efficacy of up to 130 lumens per watt**, ensuring powerful and efficient lighting. It offers a **Color Rendering Index (CRI) above 80**, guaranteeing accurate color reproduction, which is essential in areas where visual precision is important. Its **power factor above 0.9** enhances energy performance and reduces electrical consumption.

The design incorporates a **No Flicker driver**, eliminating light flickering, protecting users' visual health, and preventing eye fatigue—crucial in continuous work environments. Its **90-degree lens** provides uniform beam distribution, ideal for installations in high-ceiling spaces.

Constructed with a **high-strength aluminum body and polycarbonate (PC)**, this luminaire offers excellent thermal dissipation and impact resistance. Its **IP65 protection rating** makes it completely dust-tight and resistant to water jets, making it suitable for both indoor and outdoor use, even in adverse weather conditions.

Additionally, it integrates a **10 kW surge protector**, effectively safeguarding the luminaire against electrical surges and unstable network conditions, extending the system's lifespan and reducing the risk of failures or damage due to surges.

Applications:

The **LED UFO High Bay TITAN 100W NEW TITAN 3CCT** is particularly suitable for a wide range of industrial and commercial applications, such as:

- **Industrial warehouses and logistics centers**, where powerful and durable lighting is required to ensure safety and productivity.
- **Factories and production plants**, where color accuracy and stable lighting are key for quality control and precise operations.
- **Service stations, mechanical workshops, and maintenance centers**, where equipment robustness and clear visibility are fundamental.

Technical Datasheet

- **Supermarkets, distribution centers, and large commercial areas**, which require efficient and low-maintenance lighting.
- **Indoor sports halls, gyms, or industrial sports facilities**, where IP65 protection is ideal against humidity and dust.
- **Covered and open parking lots**, benefiting from its weather resistance and long lifespan.

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 sheet of each LED product.

Additional images:

