

DATA SHEET

LED HIGH BAY WITH DIMMABLE DRIVER 0-10V, 100W, 5000K, 100-277V AC, IP65

LIKX10050



DESCRIPTION

A new model LED industrial lamp (highbay) with 100W power, innovative construction, excellent efficiency, compact size, and lighter weight. It is offered in neutral 5000K light with the following advantages:

- Innovative construction with central heat dissipation cavity, ensuring better cooling and longer diode life;
- **Very high efficiency > 150 lm/W;**
- High quality LED chips Osram Duris;
- The emitted light is flicker free;
- The customer can choose from [60°](#), [90°](#) and [120°](#), polycarbonate diffusers with UV-protection (sold separately);
- Dimmable driver ZH POWER – a sure guarantee for reliable operation and long exploitation period. ZH is an established high-tech brand with proven quality;
- Controlling signal is 0-10V DC and allows dimming from 0% to 100%;
- **Built-in overvoltage protection 4 kV;**
- Powder-coated aluminum housing that ensures mechanical strength and excellent diode cooling;
- A ring and a bracket (included in the set) allow a choice of mounting;
- Compact size and lighter weight;
- High ingress protection rate - IP65;
- High impact resistance rate IK08.
- **Long warranty – 5 years;**

Application:

- Lighting of working areas;
- Lighting of factories;
- Lighting of warehouses;
- Industrial lighting;
- Interior and exterior lighting

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Electrotechnical information

- Power: 100 W
- Voltage AC: 100-277 V
- Frequency: 50-60 Hz
- Power factor: >0.95
- Driver: With built-in 4 kV surge protection according to IEC 61000-4-5
- Dimmable: yes

Light technical information

- Efficiency: 150 lm/W
- Rated luminous flux: 15000 lm
- Correlated Color Temperature (CCT): 5000
- Color Rendering Index (CRI): >80
- Beam angle: 90/120 °
- LED type: OSRAM

Basic information

- Protection rating: IP65
- Impact protection rate: IK08
- Working temperature range: -20 °C ÷ +50 °C
- On/Off cycles: >30000
- Lumen Maintenance LM80: >50000 h
- Height: 180 mm
- Diameter: 250 mm
- Warranty: 5 years