

Explosion-Proof LED Light for Hazardous Locations

This explosion-proof LED light features a corrosion-resistant alloy housing treated with high-tech spray coating. It is designed for use in hazardous locations requiring robust and reliable illumination.



Product Overview

Industrial Hazardous Location Lighting

This explosion-proof LED light is engineered for demanding industrial environments where safety and durability are paramount. Featuring a specialized cooling structure and lightweight, corrosion-resistant alloy housing, it ensures reliable operation and extended service life in hazardous locations. The unit offers high-efficiency illumination with advanced LED technology, making it an ideal solution for areas exposed to flammable gases, vapors, or dust.

Performance Metrics

Rated Power

100 W

Minimum Power

250 W

Maximum Power

Lumen Flux	120 lm/w
Power Factor	0.95
Color Rendering Index (CRI)	Ra>70

Electrical Specifications

Input Voltage	AC100-270V
LED Source	Cree 3030

Safety & Compliance

Protection Grade	IP66
Explosion-Proof Grade	Ex d IIC T6
Anti-Corrosion Rating	WF2

Physical Dimensions

Weight	8.9 kg
Dimensions	324 x 276 x 165 mm

Design Features

Installation & Build

- Snap-on electrical box installation
- Tool-free access for maintenance
- Advanced thermal heat transfer cooling structure
- Lightweight alloy housing
- High-tech spray technology for corrosion resistance