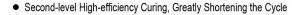# LED Explosion-Proof Lamp

◆ Product Description

The LED explosion-proof light is a high-efficiency lighting equipment specially designed for industrial flammable and explosive environments. it has passed strict explosion-proof certification, combines the core advantages of energy-saving, high-brightness, safety, stability, durability and ruggedness, and replaces traditional explosion-proof lamps to provide safe and reliable lighting protection for work areas.

- Second-level High-efficiency Curing, Greatly Shortening the Cycle
- Highly Efficient & Energy-saving, Long-lasting & Durable for Cost Reduction
- Industrial-grade Material, Strong Environmental Adaptability
- High Brightness & Uniform Light, Precisely Adapted to Work Lighting
- Easy Installation, Hassle-free Maintenance

◆ Product Structure

- The LED explosion-proof light features an aluminum alloy one-piece die-cast explosion-proof housing as its core. It integrates SMD LED matrix light sources, industrial-grade driver power supply modules, and finned heat dissipation structures. through components such as sealing rubber rings and explosion-proof terminals, it ensures safety in high-risk environments, combining high-efficiency lighting with industrial-grade durability.

◆ Typical Product Data and Physical Properties

Main Housing: Aluminum Alloy

Lampshade Component: Borosilicate Tempered Glass

LED Chips: SMD LED Chips

Overall Dimensions: L1200MM * W100MM

Explosion-proof Rating: Ex d IIC T6

Protection Rating: IP65

Power Range: 20-40W

Irradiation Distance: ≥15 Meters

Light Uniformity: ≥0.8

Availability:

Item#	Light Source Color	Packing	Weight
1.4.24.01.0321	White	1pcs/box	1.5kg

◆ Typical Applications

- The LED explosion-proof light is suitable for industrial high-risk scenarios such as chemical industry, petroleum and gas, coal mines, dust explosion-proof, metallurgy, and electric power. It can cope with complex environments including flammable and explosive, dusty and humid, vibrations and corrosion, providing safe, stable and continuous lighting for areas such as production workshops, warehousing areas, and roadways.

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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