

■ **BYS SERIES | EXPLOSION-PROOF CORROSION-PROOF LIGHTING**

BYS Series Explosion-Proof Corrosion-Proof Plastic Fluorescent Light

Industrial lighting solution with SMC housing and PC transparent lens, designed for hazardous and corrosive environments requiring reliable sealing, corrosion resistance and stable illumination.

● Final configuration should be confirmed according to the actual model, nameplate and certification documents.



HOUSING
SMC

LENS
PC

PROTECTION
IP66

CORROSION
WF2

Core Features

01 SMC Housing

Compression-molded SMC housing with corrosion-resistant performance.

02 PC Transparent Lens

PC molded lens with transparency, impact resistance and anti-UV performance.

03 Sealing Performance

Structural sealing with gasket design for dustproof, waterproof and corrosion-proof use.

04 Installation Flexibility

Ceiling, pendant, chain, wall, fence, flange and curved rod installation options.

Typical Application

Hazardous industrial lighting, corrosive vapor areas, petrochemical facilities, workshops, warehouses and project environments where product selection must match site requirements.

■ TECHNICAL SPECIFICATIONS | SUBJECT TO FINAL MODEL CONFIRMATION

Technical Specifications

The following data is organized from BY Series product documentation. Values and markings must be confirmed with the actual supplied model, product nameplate and certification documents before ordering.

| | |
|------------------------|---|
| Product Series | BYS Series |
| Product Type | Explosion-proof corrosion-proof plastic fluorescent light |
| Housing Material | SMC compression-molded housing |
| Lens Material | PC molded transparent lens |
| Light Source | LED / Fluorescent / T5, subject to model configuration |
| Power Configuration | Selected according to project requirements |
| Rated Voltage | AC 220 V / 50 Hz |
| Driver / Ballast Range | AC 150-250 V, subject to equipped driver / ballast |
| Protection Grade | IP66 |

| | |
|-------------------------|--|
| Corrosion Grade | WF2 |
| Cable Diameter | Dia. 10-14 mm |
| Cable Entry | G3/4 or M25 x 1.5 |
| Working Temperature | -20 deg C to +40 deg C |
| Humidity / Altitude | <=95% at +25 deg C / <=2000 m |
| Area Classification | Final selection should match site classification and certified model |
| Explosion-Proof Mark | Subject to actual product nameplate and certified documentation |
| Certification Documents | Supplied according to confirmed model and order scope |
| Emergency Kit | Optional configuration; charging/start/lighting time subject to supplied kit |

Emergency Option

Emergency function can be configured when required. Emergency parameters should be confirmed according to the selected emergency kit and project requirement.

Inquiry Information

For quotation, please provide model, quantity, light source, power requirement, voltage, installation method, certification requirement and application environment.

Installation & Maintenance Notes

Installation and maintenance should be performed by qualified personnel. Disconnect power before opening. Keep sealing components, fasteners and grounding reliable. Do not modify any structure that may affect explosion-proof performance.

IMPORTANT: MARKINGS AND CERTIFICATES ARE SUBJECT TO ACTUAL PRODUCT NAMEPLATE AND CERTIFIED DOCUMENTATION.