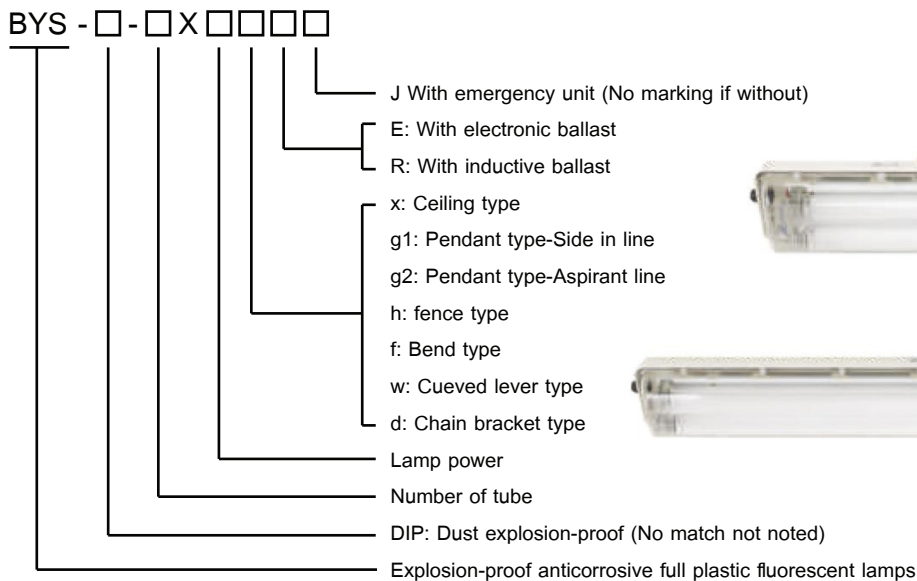


BYS - Explosion-proof anticorrosive full plastic fluorescent lamps (IIC, DIP)

Model implication



Applications

- Pieces suitable for explosive gas environment zone 1 and zone 2
- Pieces suitable for IIA, IIB, IIC explosive gas environment
- This product in Hazardous: 20, 21, 22
- Should apply to the temperature group for T1~T5 environment
- Designed for petroleum exploitation, refinery, storage, chemistry, medicine, military and military facilities etc. sites with potential explosive atmosphere

Technical parameters

- Meet a criterion: GB3836.1, GB3836.2, GB3836.3, GB3836.9, GB12476.1, IEC60079-0, IEC60079-1, IEC60079-7, IEC60079-18, IEC61241-1-1, EN60079-0, EN60079-1, EN60079-7, EN60079-18, EN61241-1-1
- Explosion-proof mark: Exedmb II CT5 Gb, DIP A21 Ta, T5
- Rated voltage: AC220V
- Lamp holder: Fa6, G13
- Lamp options: T8 Bi-pin fluorescent tube (1 x 18W, 2 x 18W, 1 x 36W, 2 x 36W) G13 lamp holder The electronic ballast T5 and T8 LED tube (1 x 9W, 2 x 9W, 1 x 18W, 2 x 18W)
- Protection grade: IP65, IP67
- Explosion-proof grade: WF2
- Inlet thread: 2-m25 x 1.5
- Cable outer dia.: 9mm ~ 14mm
- Battery charging time: <= 24h
- Emergency start time: <= 0.3s
- Emergency lighting duration: >= 90min

Stitech Co.,Ltd.

79/30 Delight @ Scene, Chatuchot Road., Ao Ngoen, Sai Mai, Bangkok 10220

Tel: 080-556-5553, 084-695-7422 Fax: 02-101-6682

E-mail: info@stitech.co.th

www.stitech.co.th

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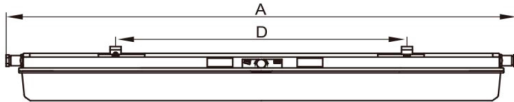
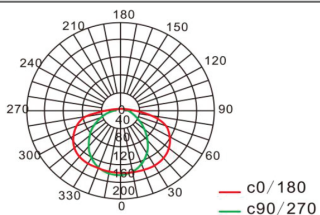
Features

- ▶ Enclosure is molded of SMC glass fibre reinforced polyester (GRP) with benefits of high strength, impact resistance and corrosion resistance.
 - ▶ Lampshade is injected of polycarbonate with benefits of high light transmittance and impact resistance.
 - ▶ Labyrinth seal structure with strong water resistance and dust resistance.
 - ▶ Name brand fluorescent tube with long service life and high light efficiency.
 - ▶ Exclusive explosion proof ballast.
 - ▶ With convenient opening method, turn opening mechanism as per indication to open cover.
 - ▶ Built-in limit switch, de-energizing when open cover to assure the safe operation and maintenance.
 - ▶ Lighting fixture with emergency unit will be automatically shafted to emergency lighting status when normal power failure.
 - ▶ Special designed over charging, over discharging circuit inside emergency unit.
- Steel conduit or cable wirings

Selection Table

Model	Tube	Power(W)	Luminous Flux (lm)	Model	Tube	Power(W)	Luminous Flux (lm)
BYS - 1 x 18E	T8 Electronic Fluorescent tube	18	1150	BYS - 1 x 9L	T8 LED	9	1800
BYS - 2 x 18E		36	2300	BYS - 2 x 9L		18	3600
BYS - 1 x 36E		36	2850	BYS - 1 x 18L		18	3600
BYS - 2 x 36E		72	5700	BYS - 2 x 18L		36	7200

Structure Dimensions and Photometry

Fixture Type																										
Dimensions		<table><tr><th colspan="2">Model</th><th rowspan="2">A</th><th rowspan="2">B</th><th rowspan="2">C</th><th rowspan="2">D</th></tr><tr><th>Fluorescent</th><th>LED</th></tr><tr><td>BYS-(1~2) x 18</td><td>BYS-(1~2) x 9</td><td>802</td><td>160</td><td>206</td><td>642</td></tr><tr><td>BYS-(1~2) x 36</td><td>BYS-(1~2) x 18</td><td>1400</td><td>160</td><td>206</td><td>800</td></tr></table>		Model		A	B	C	D	Fluorescent	LED	BYS-(1~2) x 18	BYS-(1~2) x 9	802	160	206	642	BYS-(1~2) x 36	BYS-(1~2) x 18	1400	160	206	800			
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Photometric Curve cd/1000lm																										
		c0/180 c90/270																								

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