



## BAY51-Q 2x36W. Fluorescent lamp

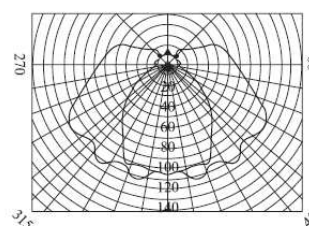
### Protection mode:

Type of protection:	II 2G Ex d e q IIC T4 Gb II 2D t IIIC T80°C Db IP66
Class of temperature:	T4
Protection degree:	IP66
Zones:	1, 2, 21, 22
Amb Temp:	-20°C to +55°C
Certificates:	LCIE 12 ATEX 3046 X S-XPL / 04547 PECEC CE021165



### Description:

BAY51-Q 2x36W series increased safety plastic light fittings for fluorescent lamp is usable for lighting in the chemical, petrochemical factory and warehouse, where is filled with II A, II B and II C explosive gas mixture and flammable.

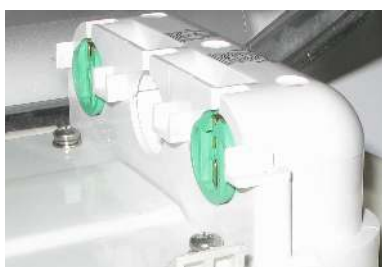


Luminous intensity distribution  
(cd/1000lm)

### Technical data:

- Can be used in gas zones (1, 2) and dust zones (21, 22)
- lamps: 36W fluorescent bi-pin
- Plastic material, corrosion protection
- All-pole disconnection switch between enclosure and the transparent cover when transparent cover is opened.
- With electronic ballast
- Power factor > 0.95
- Others models available on request.

### Pictures:





## BAY51-Q 2x36W. Fluorescent lamp

Explosion-proof plastic light fittings for fluorescents lamp BAY51-Q 2x 36	
<b>Explosion protection</b>	
Gas explosion protection	II 2G Ex d e q IIC T4 Gb / II 2D t IIIC T80°C Db IP66
<b>Certificates</b>	
For gas explosion protection	LCIE 12 ATEX 3046 X
<b>Explosion protection to</b>	En 60079-0:2004;EN 60079-1:2004; EN 60079-5:1997; EN 60079-7:2003
	eqv IEC 60079-0: 2004; IEC 60079-1: 2003; IEC 60079-5:1997; IEC 60079-7: 2001
	IEC 61241-0:2004; IEC 31241-1:2004
<b>Material</b>	
Housing	SMC, good hardness, stands 7J impact, corrosion protection, white,
Transparent cover	Polycarbonate, 90% light transmission, stands 7J impact
Ballast	Explosion-proof electronic ballast, more than 0,95 power factor, with protection for short circuit, over loading, lamp aging and broken,
Switch	BZX-6 explosion-proof limited switch, disconnection of all poles when open the cover.
<b>Lamps</b>	
Lamp	PHILIPS T8 (supplied with light fittings)
Wattage (W)	18x2
<b>Rated voltage</b>	96VAC - 254VAC 50/60Hz
<b>Protection class</b>	II (electric shock absorbing)
<b>Degree of protection</b>	IP66
<b>Connection</b>	Terminals 3 x 1,5 - 2,5 mm <sup>2</sup> (L+N+PE)
<b>Hub</b>	2-Φ26
<b>Cable gland</b>	With 2 xDQM- I(M25 x 1,5), Black, for Pendant pole mounting (2). please see "installation accessories and spare parts table".
<b>Available cable outer diameter</b>	Φ9 - Φ13 (mm)
<b>Weight</b>	
BAY51-Q36 x 2X	13Kg

**Dimensions drawings (all dimensions in mm)**  
subject to alteration

**BAY51Q-36x2X**

**Accessories:**

X: Ceiling mounting  
Plate Qty: 2 Weight: 0.201Kg

