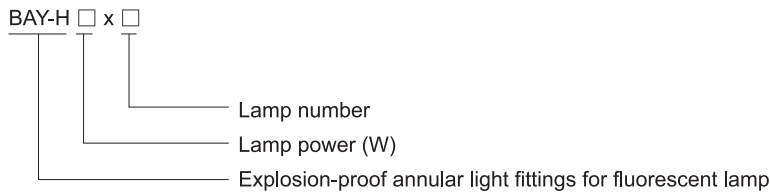


Light Fittings for Fluorescent Lamp BAY-H Series Explosion-proof Annular Light Fittings for Fluorescent Lamp



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 1, Groups C, D
- ◆ Power: 21W x 1, 21W x 2.
- ◆ Enclosure in copper-free aluminium, powder coated surface, yellow (RAL1021).
- ◆ Powder coated wire guard, white.
- ◆ Toughened glass cover resistant to temperature changes.

Catalogue number logic



Selection table

| Type / Ordering code | Lamp power(W) | Weight(kg) | Type / Ordering code | Lamp power(W) | Weight(kg) |
|----------------------|---------------|------------|----------------------|---------------|------------|
| BAY-H21 x 1 | 21 x 1 | 5.00 | BAY-H21 x 2 | 21 x 2 | 5.60 |

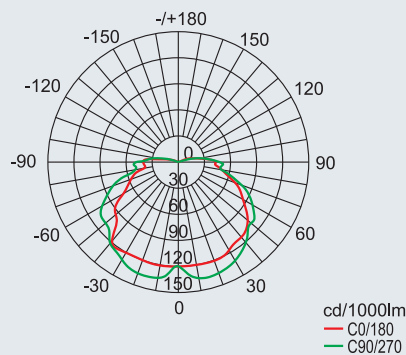
Note: The light fittings are supplied with lamps.



Photometric data

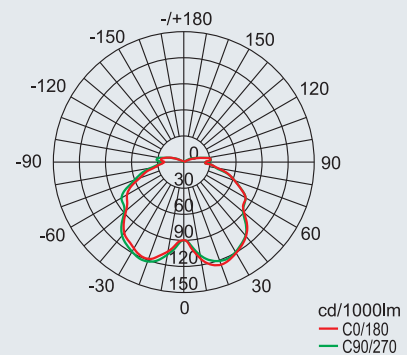
BAY-H 21x1

Rated luminous flux
21Wx1: 1000lm



BAY-H 21x2

Rated luminous flux
21Wx2: 2000lm



We can provide lighting design and data by professional lighting software DIALUX based upon simulated site situation on request.

Zones 1&2; 21&22

Light Fittings for Fluorescent Lamp

BAY-H Series Explosion-proof Annular Light Fittings for Fluorescent Lamp

| Technical data | |
|---|---|
| Explosion-proof annular light fittings for fluorescent lamp BAY-H□ × □ | |
| Explosion protection | <p>Gas explosion protection Ex d IIB T5</p> <p>Dust explosion protection $\text{Ex tD A21 IP65 T95}^\circ\text{C}$</p> |
| Certificates | LCIE 07 ATEX 6087; IECEx CQM 08.0003 |
| Conformity to standards | EN 60079-0, EN 60079-1 IEC 60079-0, IEC 60079-1, IEC 60241-0, IEC 60241-1 |
| Material | |
| Enclosure | Copper-free aluminium, powder coated surface, yellow (RAL1021) |
| Wire guard | Powder coated carbon steel (white) |
| Transparent cover | Toughened glass, stands 4J impact |
| Ballast | Electronic ballast, power factor ≥ 0.95 |
| Reflector (internal) | High-purity aluminium |
| Exposed fastener | Stainless steel |
| Lamp | |
| Lamp specification | Biax 2D-4pin (GE Brand) |
| Lamp power (W) | 21W x 1, 21W x 2 |
| Lamp holder | GR-10q |
| Rated voltage | 220~240V AC 50/60Hz |
| Earthing protection | M5 (internal & external earth bolts) |
| Degree of protection | IP65 |
| Ambient temperature | $-20^\circ\text{C} \sim +55^\circ\text{C}$ |
| Terminal | 3 x 1.5~2.5mm ² (L+N+PE) |
| Cable entries | 2 x M25x1.5 plugs |
| Cable gland(optional) | DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~29 |



Dimension drawings (all dimensions in mm) - subject to alteration

