

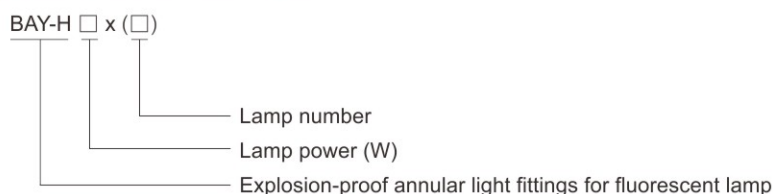
Light Fittings for Fluorescent Lamp

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
- ◆ Enclosure in Copper-free Aluminium Alloy, powder coated surface, yellow (RAL1021).
- ◆ Powder coated wire guard, white.
- ◆ Toughened glass cover resistant to temperature changes.

Catalogue number logic



Selection table

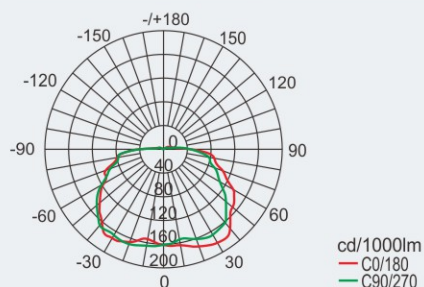
| Type / Ordering code | Lamp power(W) | Weight(kg) | Type / Ordering code | Lamp power(W) | Weight(kg) |
|----------------------|---------------|------------|----------------------|---------------|------------|
| BAY-H10 | 10 | 4.75 | BAY-H21 x 1 | 21 x 1 | 5.00 |
| BAY-H20 | 20 | 4.75 | BAY-H21 x 2 | 21 x 2 | 5.60 |

Note: The light fittings are supplied with lamps.

Photometric data

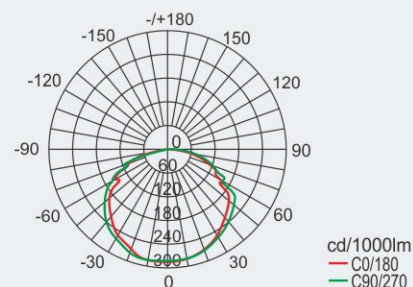
BAY-H

| Lamp power (W) | Rated luminous flux (Lamp tube) | Luminaire efficiency |
|----------------|---------------------------------|----------------------|
| 21 x 1 | 1000lm | 75% |
| 21 x 2 | 2000lm | 65% |



BAY-H

| Lamp power (W) | Luminous flux | Wattage | Luminous efficacy |
|----------------|---------------|---------|-------------------|
| 10 | 1095lm | 10W | 110lm/W |
| 20 | 2350lm | 21W | 112lm/W |



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

Global (IECEX)

IECEX CQM 08.0003

Gas

Ex d IIB T5

Europe (ATEX)

LCIE 07 ATEX 6087

Gas

Ex II 2 G Ex d IIB T5

Certificates

IECEX; ATEX

Conformity to standards

EN 60079-0, EN 60079-1

IEC 60079-0, IEC 60079-1

Material

Enclosure

Copper-free Aluminium Alloy, 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

Fluorescent Lamp

Lamp specification

Biax 2D-4pin (GE Brand)

Lamp power (W)

21W x 1, 21W x 2

Lamp holder

GR-10q

LED Lamp

Lamp power (W)

10W, 20W

Colour rendering index (Ra)

≥ 80

LED Colour temperature (CCT)

5700K

Note: nature white is available in general. Warm white or cool white is optional, please specify when ordering.

Rated voltage

220~240V AC 50/60Hz

Earthing protection

M5 (internal & external earth bolts)

Degree of protection

IP65

Ambient temperature

-20°C~+55°C

Terminal

3 x 1.5~2.5mm² (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 P7/20~31



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

