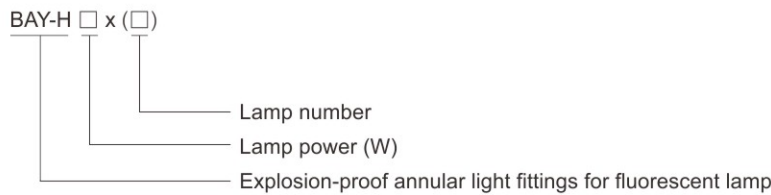


Light Fittings for Fluorescent Lamp BAY-H Series Explosion-proof Annular Light Fittings for Fluorescent Lamp



- ◆ 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

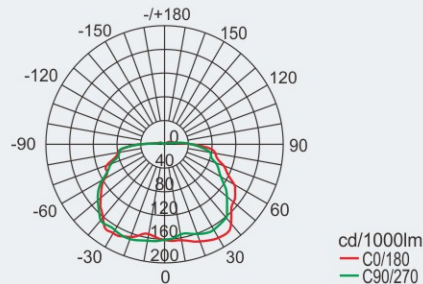
Note: The light fittings are supplied with lamps.



Photometric data

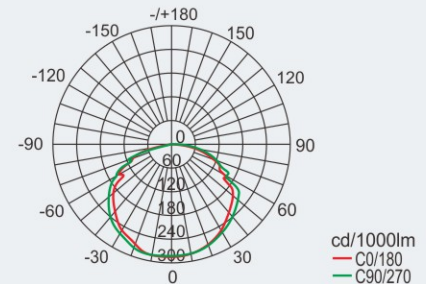
BAY-H

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	⊕ 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

