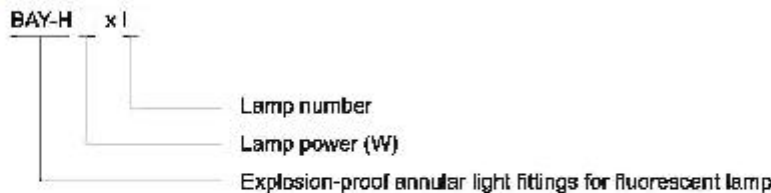




Light Fittings for Fluorescent Lamp BAY-H Series Explosion-proof Annular Light Fittings for Fluorescent Lamp

- ◆ 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.

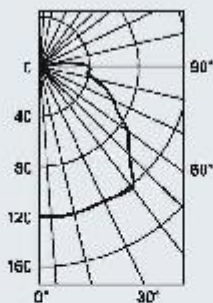
Photometric data

21W x 1 photometric data

Rated luminous flux:1000lm;

The data from GE lamp;

Luminous intensity distribution cd/1000lm



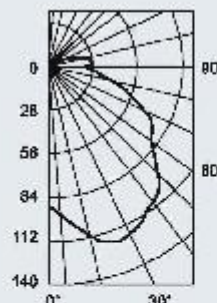
Angle	CP	Angle	CP
0	122	50	106
5	123	55	98
10	123	60	87
15	123	65	80
20	123	70	70
25	122	75	60
30	120	80	51
35	116	85	44
40	114	90	45
45	113		

21W x 2 photometric data

Rated luminous flux:2000lm;

The data from GE lamp;

Luminous intensity distribution cd/1000lm



Angle	CP	Angle	CP
0	178	50	161
5	194	55	166
10	222	60	161
15	241	65	144
20	248	70	141
25	245	75	103
30	237	80	77
35	228	85	56
40	220	90	48
45	203		

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

Zones 1&2; 21&22

Technical data	
Explosion-proof annular light fittings for fluorescent lamp BAY-H□x□	
Explosion protection	⚠ II 2 G Ex d IIB T5 Gb ⚠ II 2 D Ex tb IIIC T95°C Db IP65
Gas explosion protection	
Dust explosion protection	
Certificates	LCIE 07 ATEX 6087; IECEx CQM 08.0003
Conformity to standards	EN 60079-0: 2009, EN 60079-1: 2007, EN 60079-31: 2009 IEC 60079-0: 2011, IEC 60079-1: 2007, IEC 60079-31: 2008
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 ≥0.97
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°C~+55°C
Terminal	3 x 1.5~2.5mm ² (L+N+PE)
Cable entries	2 x G3/4" Plug
Cable gland (optional)	DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20-25.



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

