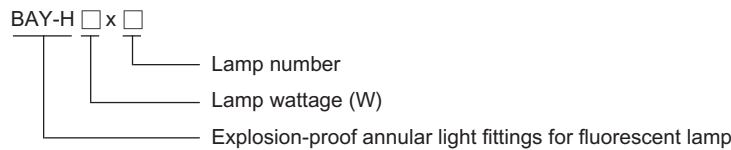




Light Fittings for Fluorescent Lamp BAY-H Series Explosion-proof Annular Light Fittings for Fluorescent Lamp

- ◆ Explosion protection to
 - CENELEC
 - IEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Wattage: 21W x 1, 21W x 2.
- ◆ Enclosure in copper-free aluminium, powder coated external surface, rape yellow (RAL1021).
- ◆ Powder coated wire guard, white.
- ◆ Toughened glass cover resistant to temperature changes.

Catalogue number logic



Selection table

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

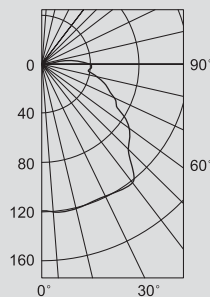
Note: The light fittings are supplied with lamps.



Photometric data

21W x 1 photometric data

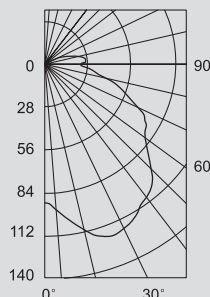
Rated luminous flux:1000lm;
The data from GE lamp;
Luminous intensity distribution cd/1000lm



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	181
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	229	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

Light Fittings for Fluorescent Lamp

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

2

Technical data

Explosion-proof annular light fittings for fluorescent lamp BAY-H □ x □

Explosion protection

Gas explosion protection Ⓔ II 2 G Ex d IIB T5
 Dust explosion protection Ex tD A21 T95°C IP65

Certificates

For gas explosion protection LCIE 07 ATEX 6087; IECEX CQM 08.0003
 For dust explosion protection PCEC (China)

Conformity to standards

EN 60079-0:2004, EN 60079-1:2004
 IEC 60079-0:2004, IEC 60079-1:2003, IEC 61241-0:2004, IEC 61241-1:2004

Material

Enclosure Copper-free aluminium, powder coated external surface, rape yellow (RAL1021)
 Wire guard Powder coated carbon steel (white)
 Transparent cover Toughened glass, stands 4J impact
 Ballast Electronic ballast, power factor ≥ 0.97 (GE Brand)
 Reflector (internal) High-purity aluminium
 Exposed fastener Stainless steel

Lamp

Lamp specification Biax 2D-4pin (GE Brand)
 Lamp wattage (W) 21W x 1, 21W x 2
 Lamp holder GR-10q

Rated voltage

220~240V AC 50/60Hz

Earthing protection

M5 (internal & external earth bolt)

Degree of protection

IP65

Ambient temperature

-20°C ~ +55°C

Terminal

3 x 1.5~2.5mm² (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

