



# IIC bulkhead lights 8 W fluorescent and compact fluorescent lamp to 18/20 W 24/48/110V DC - 230/240V AC - 50/60Hz and 198/254 V DC flameproof




0947 18 with Fluo Compact lamp


## Bulkhead lights

- Toughened glass sealed tube
- Zamak end caps and cover, anticorrosion treated and painted grey
- Threaded access cover with O ring seal
- Connection to plug-in terminal block via 2 x 3 x 2.5 mm<sup>2</sup> terminals
- External earth via bracket : 4 mm<sup>2</sup>
- One E27 lampholder
- Fixed using 2 integrated lugs and brackets. Operates in any position
- Two M20 threaded cable entries
- Supplied with an M20 blanking plug (cable gland not supplied)

### For compact fluorescent lamp for E27 lampholder

Permissible lamp (not supplied)		Weight (Kg)	Volume (dm <sup>3</sup> )	Cat. No.	Pack
18/20 W max.		7.1	36	<b>0947 18</b>	1

### For fluorescent bulb 8 W Ø16 G5 lampholder

- High frequency ballast 230/240 V ± 10% 50/60 Hz power factor > 0.9 or 198/254 V DC 
- Converter for 24/48/110 V DC

Supply voltage	Tube supplied	Weight (Kg)	Volume (dm <sup>3</sup> )	Cat. No.	Pack
24 V DC	1 x 8 W	8.3	31	<b>0947 30</b>	1
48 V DC	1 x 8 W	8.3	31	<b>0947 31</b>	1
110 V DC	1 x 8 W	8.3	31	<b>0947 32</b>	1
230/240 V AC 50/60Hz					
198/254 V DC	1 x 8 W	8.3	31	<b>0947 33</b>	1
230/240 V AC 50/60Hz					
198/254 V DC	2 x 8 W	8.3	31	<b>0947 34</b>	1

## Accessories




### Reflectors

White painted galvanized steel, guard fitted separately		Cat. No.	Pack
		<b>0948 68</b>	1

### Protective guards

Zinc-plated steel (20 microns), reflector fitted separately		0948 72	1
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### Fixings - set of 2 brackets



Quick one-hand fixing, zinc-plated steel		0948 97	1
316 stainless steel version		0948 89	1
Fixing unit on flat surface, zinc-plated steel		0948 98	1
316 stainless steel version		0948 90	1
With zinc-plated brackets for fixing			
- on 1" 1/2 (Ø 49 mm) or 1" 1/4 (Ø 42 mm) tube		0948 99	1
- 316 stainless steel version		0948 92	1
- on 2" (Ø 60 mm) tube		0948 91	1
- 316 stainless steel version		0948 93	1

Zone 1 & 2 - 21 & 22		ATEX	IEC	EC	II2 G/D
EEx d IIC	T6	T = 85°C		IP66/67	IK09

## TECHNICAL DATA

Zones : 1 and 2 and 21 - 22

### Classification :

- According to CENELEC
  - Conforming to ATEX - 94/9 EC Directive and standards EN 50014-18
  - EC 0081  II 2 G: for gas EEx d IIC T6
  - EC 0081  II 2 D T = + 85°C : for dust
- According to IEC:
  - Conforming to standards IEC 60079-0/1 Ex d IIC T6
  - DIPA 21 TA = + 85°C

### Approvals :

- Approved type FLd
- CENELEC LCIE 97 ATEX 6012
- IEC LCIE Ex 03.012
- **CE** declaration of conformity No. 50203
- Conforming to standards EN 60598-1 and IEC 60598-1 for luminaires
- Conforming to standards EN 50281-1-1 and IEC 61241-1-1 for dust
- Conforming to the electronic compatibility (EMC) standard EN 55015

### Protection index :

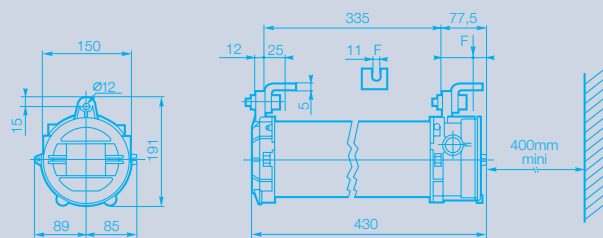
- IP66/67 according to EN 60529 and IEC 60529
- Mechanical resistance IK09 according to EN 50102

### Operating temperature :

- 40°C to + 50°C

Anticorrosion treatment and climate protection : see page G50

### Dimensions (mm) :



## Distributor:

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