

## 110/127 V and 220/240 V normal and emergency bi-pin fluorescent luminaires for armoured cable increased safety



0963 44 Fluo 2 x 58 W



0963 41 Fluo 2 x 36 W



0963 40 Fluo 2 x 18 W



Charge indicating light

### 18, 36 and 58 W fluorescent luminaires for normal and emergency lighting

- Ø 26 mm bi-pin tubes, standard G13 lampholders
- Frequency : 50/60 Hz
- Common power supply circuit to provide both normal lighting and emergency lighting
- Power supply via high frequency electronic ballast depending on version :
  - 110/127 V ± 10% AC/DC or 220/240 V ~ ± 10%, 198 to 264 V
- Instant start - Power factor ≥ 0.95
- Battery voltage : 18 W : 6 V 4 Ah - 36/58W : 8.4 V 4 Ah
- Pre-impregnated fibre glass reinforced polyester body
- Polycarbonate multi-parabolic hinged reflector
- Polycarbonate diffuser hinged to body
- High temperature internal wiring
- Elastomer gasket
- Anti-vibration lampholders with spring system
- Operation : mains power switched on : 2 or 3 tubes lit, mains power switched off : 1 tube lit (battery backup)
- Power supply to the unit (mains supply and battery) cut off by two positive safety switches which operate when diffuser is opened, for replacing tubes with mains power switched on
- Green LED on when the installation is operating normally and off in the event of a mains power supply failure or battery fault
- Battery-backed tube identified with green mark
- Battery pack easily interchangeable on site, fixed by screws and equipped with a fast plug in connector
- Ballast and converter fixed by screws, equipped with a fast connector
- Open and close using an Allen key or flat screwdriver (system automatically protects against over turning)

#### Standard version with earthing plate for armoured cable

- Two M 20 threaded cable entries with earth continuity plate at one end (cable gland not supplied)
- One clearance hole for M20 cable gland at the opposite end
- Supplied with :
  - Two M 20 blanking plugs and one M20 locknut
- Equipped with an IP 2 X terminal strip cover for maintenance of battery, ballast and lampholders with mains power switched on
- 18W version: one 4 x 4 mm<sup>2</sup> flexible or 4 x 6 mm<sup>2</sup> rigid connection terminal block max. including one earth terminal
- 36/58 W version: one 2 x 4 x 4 mm<sup>2</sup> flexible or 2 x 4 x 6mm<sup>2</sup> rigid connection terminal block max. including 2 earth terminals

Tube (W) (not supplied)	1 tube standby time	Light intensity	Weight (Kg)	Volume (dm <sup>3</sup> )	Cat. No. 110/127 V	Cat. No. 220/240 V	Pack
2 x 18	3 h	29 %	7.6	32.3		<b>0963 40</b>	1
2 x 18	3 h	29 %	10	54.2	<b>0913 40</b>		1
2 x 36	3 h	16 %	9.9	54.2	<b>0913 41</b>	<b>0963 41</b>	1
2 x 58	3 h	11 %	10.7	65	<b>0913 44</b>	<b>0963 44</b>	1
3 x 36	3 h	16 %	11.6	54.2		<b>0963 85</b>	1
3 x 58	3 h	11 %	12.7	65	<b>0913 95</b>	<b>0963 95</b>	1

#### Fixing accessories

	Cat. No.	Pack
Set of 2 half clamps for fixing to Ø 49 mm (1" 1/2) or Ø 42 mm (1" 1/4) tube	<b>0965 93</b>	1
For fixing to Ø 60 mm (2") tube:		
Set of 2 zinc-plated steel M8 ring bolts	0965 91	1
for suspending the unit	<b>0965 94</b>	1
Set of 2 aluminium brackets for fixing unit to flat surface.		
316 stainless steel version	<b>0965 97</b>	1
Set of 2 aluminium hinged brackets for adjusting direction of luminaire when wall-mounted.	0965 90	1
316 stainless steel version	0965 98	1
Set of 2 zinc-plated steel brackets for quick fixing with one hand	0965 74	1
316 stainless steel version	<b>0965 96</b>	1
Fall prevention fixing kit (1.20 m stainless steel chain) for M20 cable entry	0965 89	1
	0964 06	1

#### For special options, please consult us:

- 1.5 hour emergency duration
- Remote batteries
- Other voltages
- Emergency unit only
- Special protection of the diffuser against severe chemical attack
- Lens fall prevention fixing kit

Dimensions of fixing accessories (see page 36-37)

Installation and connection method (see page 38-39)

Spare parts (see page 290)

Cable glands for armoured cable (see pages 252-262)