

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



0963 54 Fluo 2 x 58 W



0963 71 Fluo 2 x 36 W



0963 70 Fluo 2 x 18 W



Charge indicating light



0963 92 Pole mounting fluo 2 x 18 W

## 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 according to model: 110/127 V  $\pm$  10% AC/DC or 220/240 V  $\pm$  10%, 198 to 264 V
- Instant start - Power factor  $\geq$  0.95
- Battery voltage: 18 W: 6 V 4 A - 36 W/58 W: 8.4 V 4 A
- Pre-impregnated fibre glass reinforced polyester body
- Polycarbonate multi-parabolic hinged reflector
- Polycarbonate diffuser hinged to body
- High temperature internal wiring
- Blastomer 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 backed)
- 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 assembly fixed by screws, equipped with an anti-vibration fast connector
- Open and close using an Allen key or flat screwdriver (system automatically protects against over turning)

### Standard twin, three-tube version

- Supplied with one M25 polyamide cable gland (sealed Ø: 8 to 18.5 mm) Two M25 blanking plugs
- Equipped with an IP 2 X terminal strip cover for maintenance of batteries, ballast and lampholders with mains power switched on
- 18 W 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 6 mm<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 %	9.3	54.2	0913 70		1
2 x 18	3 h	29 %	7.3	32.3		0963 70	1
2 x 36	3 h	16 %	9.6	54.2	<b>0913 71</b>	<b>0963 71</b>	1
2 x 58	3 h	11 %	10.7	65	0913 54	0963 54	1
3 x 36	3 h	16 %	11.6	54.2	0913 84	0963 84	1
3 x 58	3 h	11 %	12.7	65	0913 94	0963 94	1

Part number in bold: fast moving references

### Twin tube through-wiring version

- Supplied with
  - Two M25 polyamide cable glands (sealed Ø: 8 to 18.5 mm)
  - One M25 blanking plug
  - Two 4 x 4 mm<sup>2</sup> flexible or 4 x 6 mm<sup>2</sup> rigid. connection terminal blocks max.
- 18 W: Maintenance of tubes with mains power switched on, maintenance of batteries, ballast and lampholders on site with mains power switched off
- 36 W: Equipped with IP 2 X terminal strip cover, enabling maintenance of the batteries, ballast and lampholders with the mains power switched on

Tube (W) (not supplied)	1 tube standby time	Light output	Weight (Kg)	Volume (dm <sup>3</sup> )	Cat. No. 110/127 V	Cat. No. 220/240 V	Pack
2 x 18	3 h	29 %	7.3	32.3		<b>0963 80</b>	1
2 x 36	3 h	16 %	9.6	54.2	0913 81	<b>0963 81</b>	1

### Twin tube pole mounting version

- For mounting on pole or tubular wall-mounting support Ø 42 mm with one integrated M25 polyamide cable gland (sealed Ø 8 to 18.5 mm)
- Supplied with one 3 x 4 mm<sup>2</sup> connection terminal block and internal bracket for anchoring the cable (positive safety)

Tube (W) (not supplied)	1 tube standby time	Light output	Weight (Kg)	Volume (dm <sup>3</sup> )	Cat. No. 110/127 V	Cat. No. 220/240 V	Pack
2 x 18 W	3 h	29 %	10	54.2	0913 92	0963 92	1
2 x 36 W	3 h	16 %	10.4	54.2	0913 93	0963 93	1

### Fixing accessories

	Cat. No.	Pack
Set of 2 half clamps for fixing under Ø 49 mm (1" 1/2) or Ø 42 mm (1" 1/4) tube	<b>0965 93</b>	1
For fixing under 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
Ø 42 mm galvanized steel pole	0965 95	1
for wall mounting		
Set of 2 aluminium brackets for fixing unit to flat surface.	<b>0965 97</b>	1
316 stainless steel version	0965 90	1
Set of 2 aluminium hinged brackets for adjusting direction of luminaire when wall-mounted.	0965 98	1
316 stainless steel version	0965 74	1
Set of 2 zinc-plated steel brackets for quick fixing with one hand	<b>0965 96</b>	1
316 stainless steel version	0965 89	1
Fall prevention fixing kit (1.20 m stainless steel chain) for M25 cable entry	0964 05	1

### For special options, please consult us:

- 1 hr 30 mins standby time, remote batteries, other voltages

Dimensions of fixing accessories (see page 36-37)

Installation and connection method (see page 38-39)

Spare parts (see page 290)