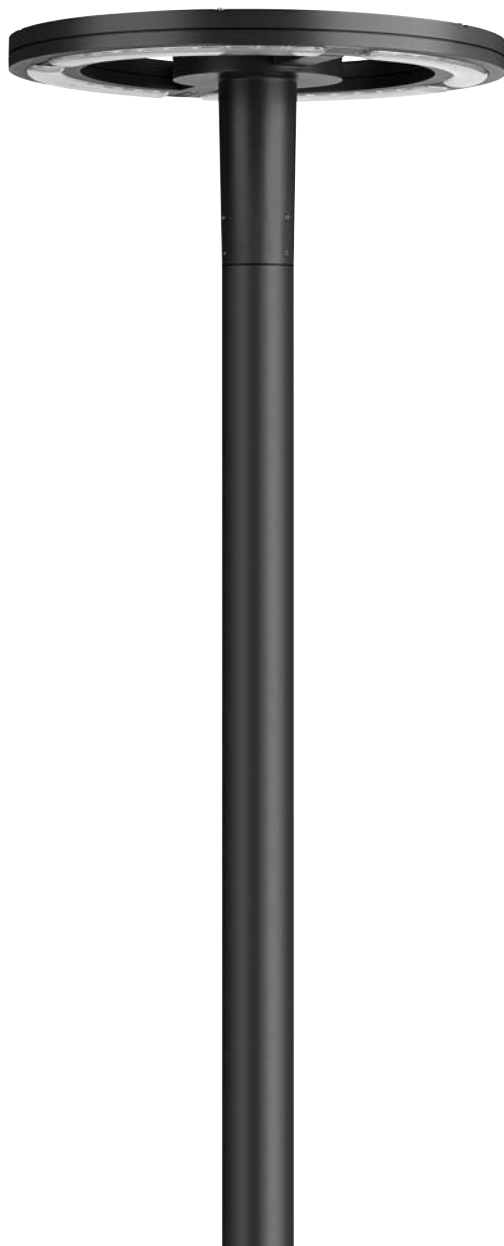


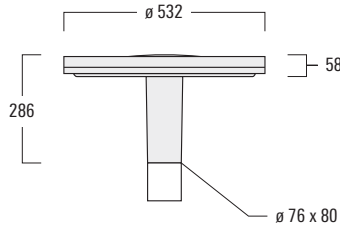
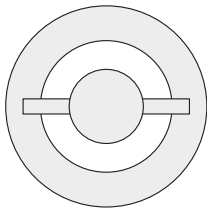
we-ef



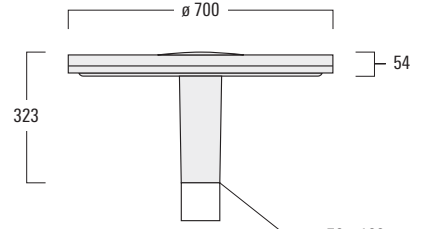
WE-EF LEUCHTEN

Installation and
Maintenance Instructions for
Post Top Luminaire
CFT500 LED Series

Post Top Luminaires



CFT530



CFT540

Lamps

CFT530 24 LED 24W / 48W*

CFT540 36 LED 36W / 72W / 108W*

* Nominal power; for latest data refer to www.we-ef.com



Protection: IP66, IK08

Class I, II, ta = 25°C

Weight:

CFT530 9,8 kg

CFT540 13,3 kg

Windage area:

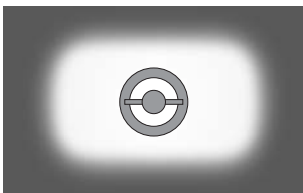
CFT530 max. 0,16 m²

CFT540 max. 0,24 m²

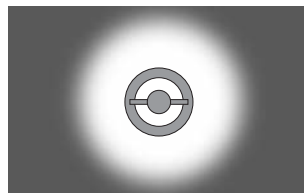
Tools required

- 4 mm Allen key
- diagonal cutting pliers
- Screwdriver with 4.0 mm x 1.0 mm blade

Luminaire Orientation



with [R] lens



with [C50] lens

Installation

The luminaire should be installed and maintained by a suit-ably qualified person in compliance with latest electrical regulations and relevant legislation.

⚡ Attention: Dangerous voltage, open luminaire only after mains electrical supply is switched off!

The luminaire does not need to be opened for installation.

The LED module should only be replaced by a qualified technician.

Installation Procedure

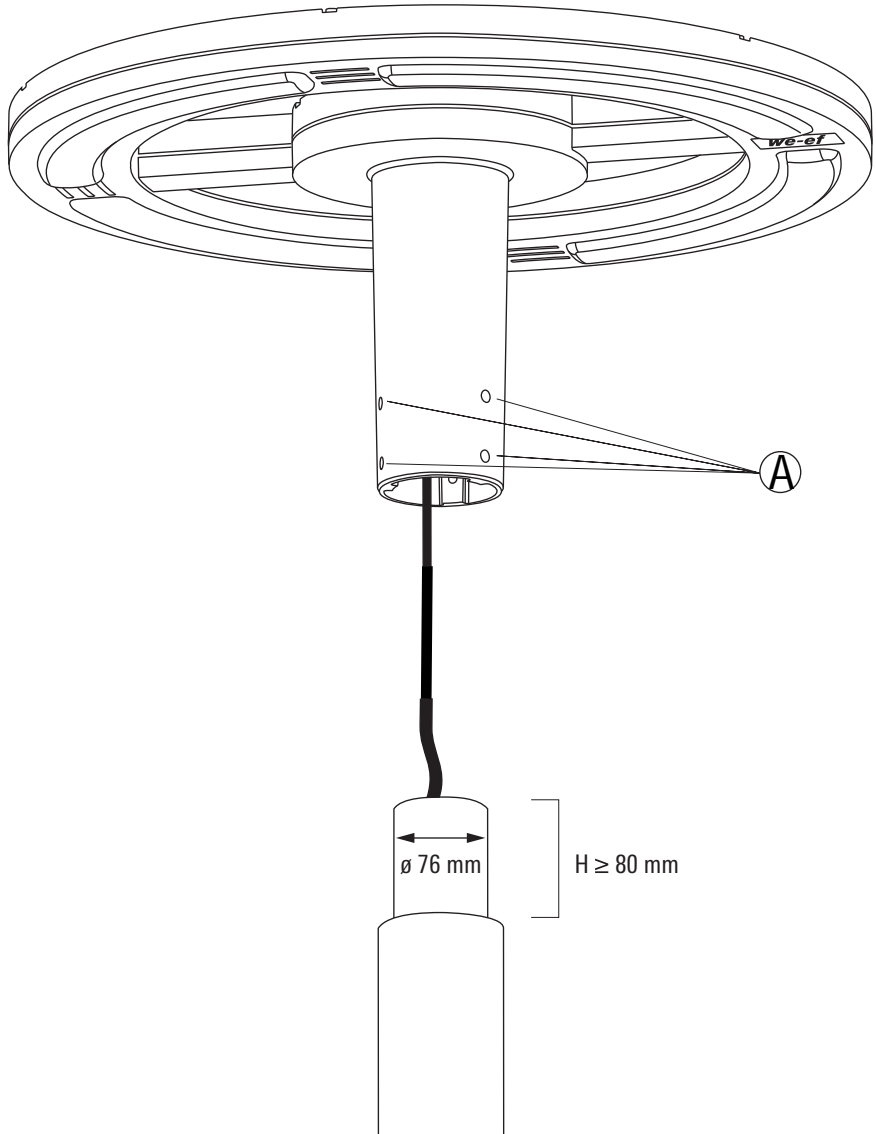
- 1) Switch off the mains electrical supply ⚡
- 2) Feed cable down pole from top and fit lluminaire onto top of pole.
- 3) Orient luminaire in correct direction and tighten fixing screws. (Max 15Nm.)
- 4) install Surge Protection Device at base of pole referring to specific instructions contained in this manual and terminate luminaire into Surge Protection Device.

Product Information / Surge Protection

This luminaire is supplied with a surge protection device of type 2-3 for fitment at the base of the pole. The technical data is provided directly on the installed device. If the power supply is switched on, a green LED indicates that it is operational. If the surge protector has been triggered by an adverse event , the luminaire is automatically disconnected from the mains. In that case, the LED on the surge protector no longer lights up.

For comprehensive protection of the luminaire against lightning and electrical surges, primary (Type 1) and secondary (Type 2) surge arrestors must be installed into the power supply. We recommend a combination arrestor (Type 1+2+3), which is installed in the control cabinet.

The technical planner/installer is responsible for the proper selection, sizing and installation of the surge protection modules that must be provided on site. Please note the various protection levels for Class I and II, as well as the applicable statutory provisions regarding surge protection. Installation and maintenance may only be performed by a qualified electrician.



Maintenance

Apart from cleaning the outside of the luminaire no special maintenance work is necessary.



ATTENTION!



Technical Data

- Installation must be performed only by electrically skilled operator.
- National electrical installation rules must be followed.
- The unit must be used only as surge protector and according the conditions described in this document.
- Surge protectors must be selected in relation with an dedicated AC network (see Table 1)
- Dedicated fuses must be installed in the surge protector branch (see Table 2).
- In case of red indicator, the surge protector must be replaced.

2000 m max.
 6000 ft max.
 -40/+85°C max.
 -40/+185°F max.
 IP20
 indoor use only

AC Network

120 Vac L+N	●	DS98L-120
230 Vac L+N	●	DS98L-230
230 Vac 2L+N	●	DS98L-400

AC System

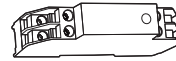
TT/TN	●	
TN	●	

Characteristics

Uc (Vac)	150	275
I _{pe}		0 mA
I _{SCCR} *		10 kA
I _{max} *		10 kA

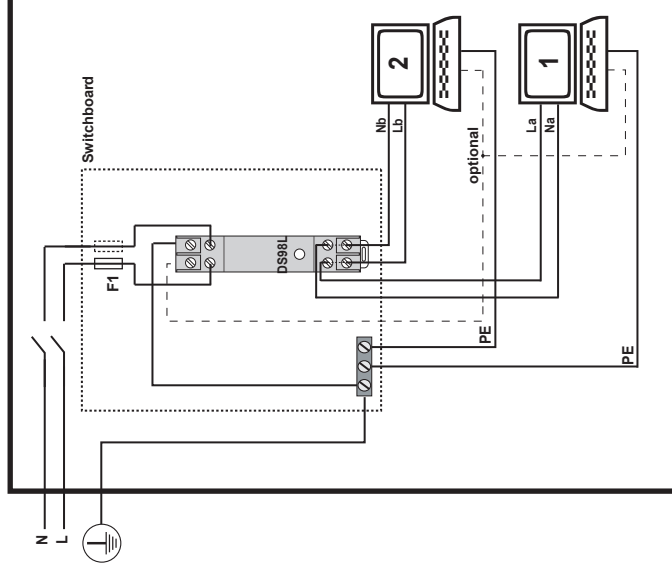
*values per pole

Table 1

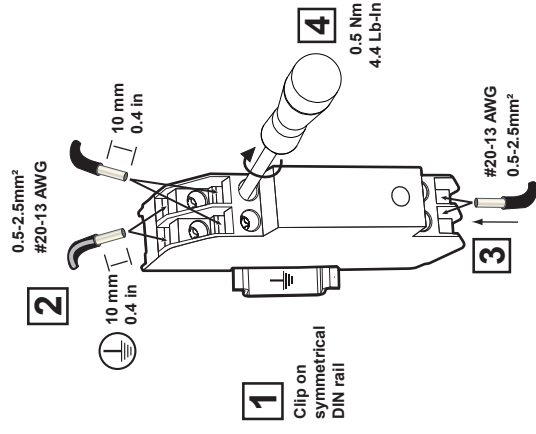


DS98L SERIES

Application example



Installation



Wiring

In-line wiring (recommended)

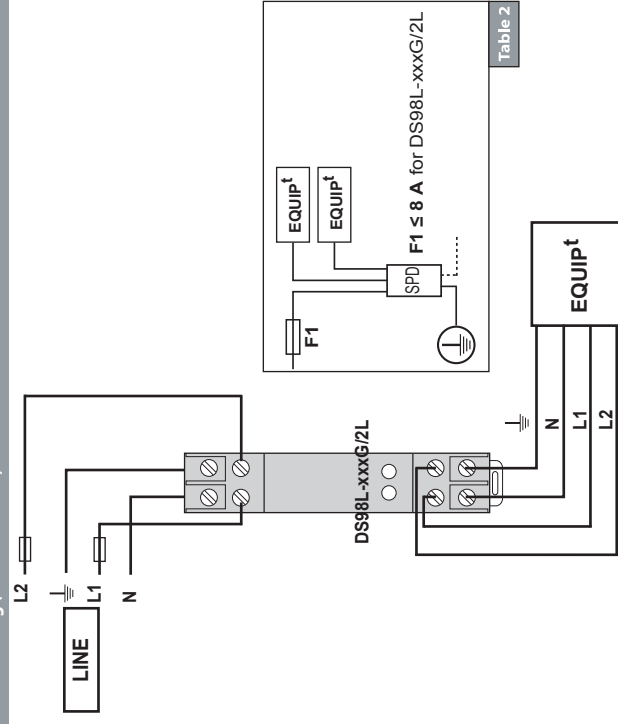
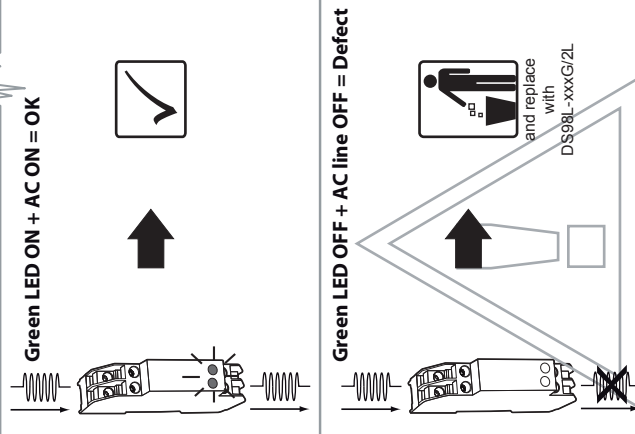


Table 2

Maintenance



The logo for WE-EF, featuring the lowercase letters 'we-ef' in a white, bold, sans-serif font on a black rectangular background.

www.we-ef.com

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info.uk@we-ef.com

Safety information

The manufacturer is discharged from liability when damage is caused by improper use or installation.

If any luminaire and/or accessory is subsequently modified, the persons responsible for the modification shall be considered as the manufacturer.

CFT500_010916 / 006-1200-Au

Technical specifications are subject to change.

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