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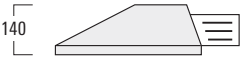
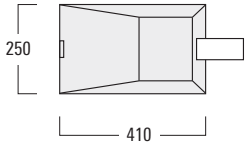
WE-EF LEUCHTEN

Installation and
Maintenance Instructions for
Post Mounted Luminaire
PFL230 LED

we-ef
INSTALLER HOTLINE
+61 458 933 399
7am – 7pm AEST

Post Mounted Luminaire

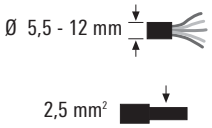




Lamps

12 LED 12W / 18 LED 18W / 12 LED 24W / 18 LED 36W*

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



Protection: IP66 / IK08

Class I, II, ta = 25°C

Mounting height: . . . . . 3,5–6,0 m

Weight: . . . . . 9,6 kg

Wind age area: . . . . . max. 0,042 m²

Installation

The product must be installed and maintained by a suitably qualified professional in compliance with latest building/ construction and/or electrical regulations and relevant legislation.

Warning: Switch off mains electrical supply prior to installing and connecting the luminaire. Do not open luminaire while mains supply is switched on.

Notice: If the luminaire is modified by anybody other than the original manufacturer, then the warranty will no longer be valid and shall become the full responsibility of the modifying person/organisation. Claims based on defects attributable to improper installation and/or application, and the consequences thereof, are excluded.

In case of component failure, LED replacement due to abnormal circumstances or at end of life, replacement must be carried out by a suitably qualified and trained professional.

In case of questions please contact our technical hotline: +61385870444 (from Monday - Friday from 08.00 until 16.00 hours.

Installation Procedure

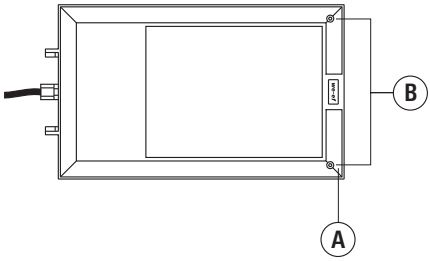
1) Switch off the mains electrical supply. ϟ
2) Loosen screws **B** and open frame **A**.
3) Unlock shutter **C** and turn down the gear-tray, disconnect plug connector **D** and remove the gear-tray.
4) Cut the connecting cable **X** corresponding to the height of the pole and insert it via the bracket **E** through the cable gland **F** inside the luminaire. Connect the neutral conductor (N), phase (L1) and the ⊕ earthing to the corresponding marked contacts of the terminal clamp **D**.
   Class II: No protection earth is required. The power cable has to be double insulated according to class II. Compare the local voltage and frequency with the data mentioned on the label of the luminaire.
5) Firmly tighten cable gland **F**, fasten the conduit and install the bracket **E** to the luminaire.
6) Put in gear-tray, close plug connection **D** and close the gear-tray. Make sure that the gear-tray is firmly shut.
7) Close frame **A** and firmly tighten screws **B**.
8) Feed cable through top of column, while setting luminaire in position. Secure luminaire by evenly tightening the six hexagon socket screws **G**.9
9) For DALI CASAMBI applications,**4remote BTapp** is required to commission or control luminaires, scan QR code to download app to mobile device (iOS or Android required).

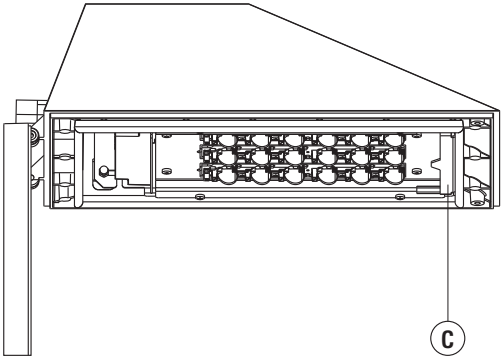
Maintenance

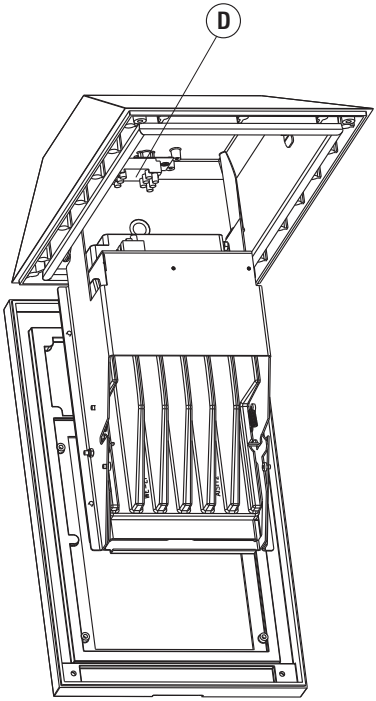
Apart from cleaning the product's exterior surfaces, no special maintenance work is required. Do not use high-pressure cleaners.
Protect our environment: Discard used LEDs in compliance with the most recent environmental legislation.

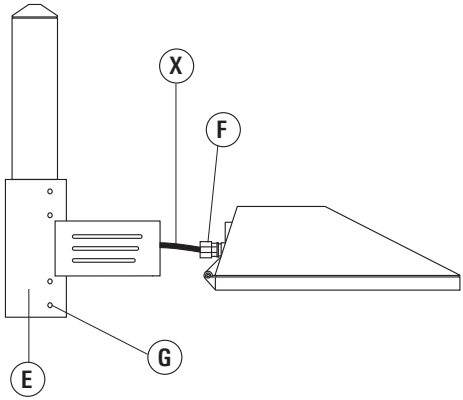
Notice: In case the luminaire is equipped with an optional available surge protector, the function can get tested if the signal LED is lit green when the supply voltage is turned on.

In case the surge protector is defective, the LED device gets automatically disconnected from the mains supply.
If the signal LED is not lit, the luminaire is not functioning.


B
A


C

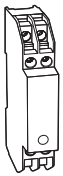

D


X
F
G
E

ATTENTION ! GB

- 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.

3



DS98L SERIES

Technical Data

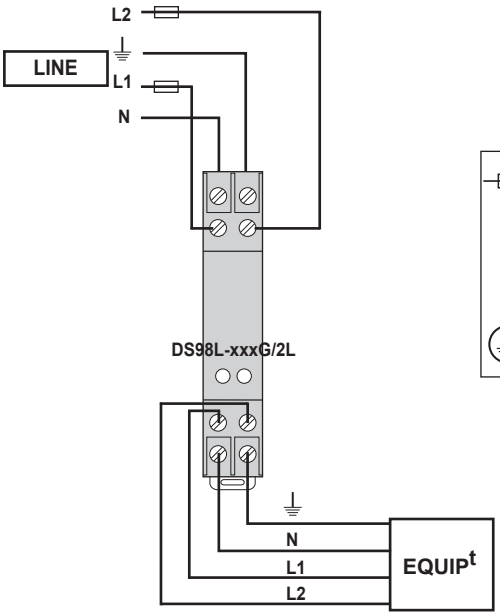
2000 m max. 6500 ft max. -40/+85°C max. -40/+185°F max. IP20 indoor use only	P/N			
	DS98L-120	DS98L-230	DS98L-400	DS98L-230G/2L
AC Network				
120 Vac L+N	●			
230 Vac L+N		●	●	
230 Vac 2L+N				●
AC System				
TT/TN				●
TN	●	●	●	
Characteristics				
Uc (Vac)	150	275		
I_{PE}	0 mA			
I_{SCCR}*	10 kA			
I_{max}*	10 kA			

***values per pole**

Table 1

Wiring

In-line wiring (recommended)



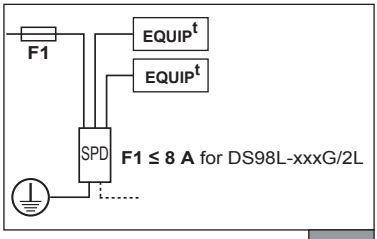
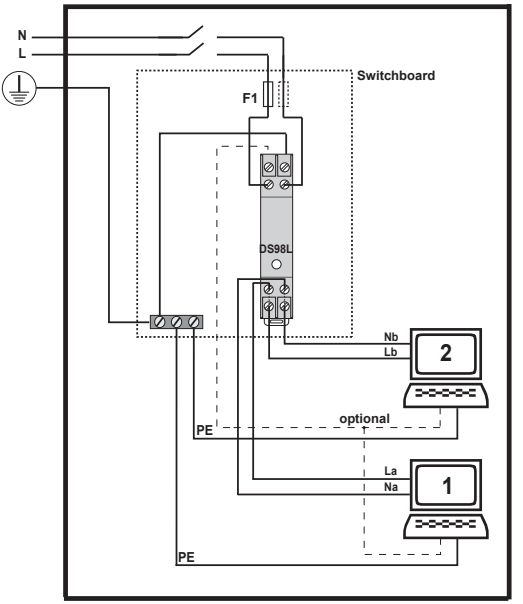
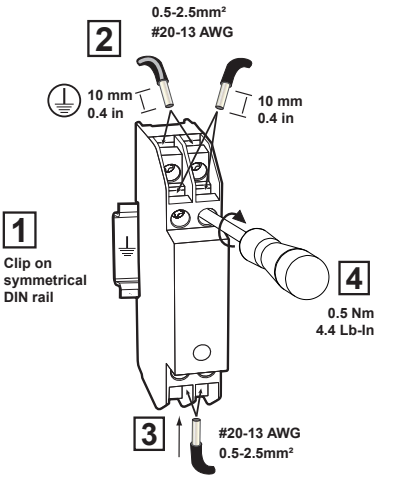


Table 2

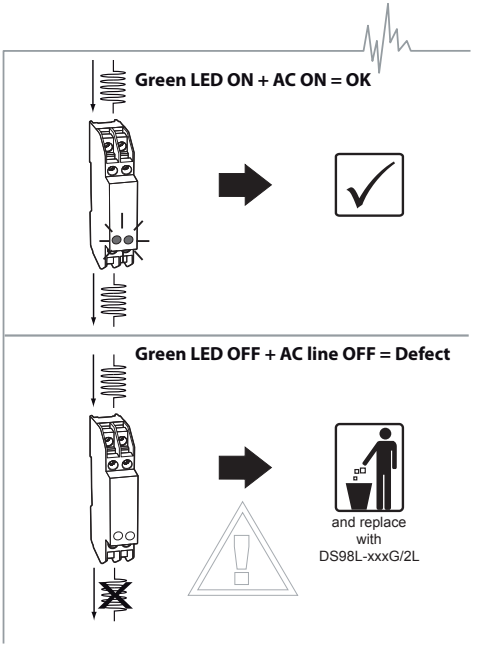
Application example



Installation



Maintenance



Attention

If the Luminaire is supplied with a Citel MLPC-230L-V, please refer to the instructions supplied with the device

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Sicherheit
Der Hersteller übernimmt keine Haftung für Schäden, die durch unsachgemäßen Einsatz oder Montage entstehen.

Werden nachträglich Änderungen an Leuchten und/oder Zubehör vorgenommen, so gilt derjenige als Hersteller, der diese Änderungen vornimmt.

Safety indices
The manufacturer is then 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 manufacturer.

PFL230_R.SPD_LED_REV1_040221

Technische Änderungen vorbehalten.Technical specifications are subject to change.
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