

#### INSTRUCTION

##### Installation instructions

##### FEELUX LED INTERFACE

**Type FDC-L10** INPUT DC 12V, DC 24V  
 OUTPUT 12V LED Max.50W, 24V LED Max.100W  
 SIGNAL DC 0 - 10V or DC 1 - 10V DIMMER



Class of protection III  
 Degree of protection IP 20  
 Radio-interference-suppressed

This type of electronic interface is an exclusively designed for dimming 12V/24V LED Lamps. With Pulse Width Modulators (PWM) technology, it is suitable for constant voltage (12V/24V) lamps with connected in parallel. It has short circuit protection, abnormal over current protection, after protection must cut off the power, and check-up the load, make sure the load is in rating load, then connect the power, the interface will be right. And it also has input polarity reverse protection.

##### Mounting dimensions

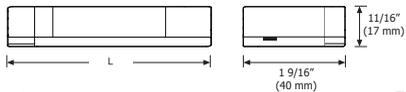


Fig. 1

Fig. 2

	INPUT	OUTPUT	Length L
FDC-L10	DC 12V	DC 12V LED Max.50W	80 mm (3 3/16")
	DC 24V	DC 24V LED Max.100W	

##### Mounting Arrangements

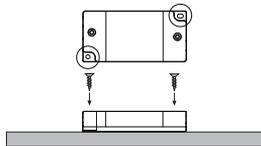


Fig. 3

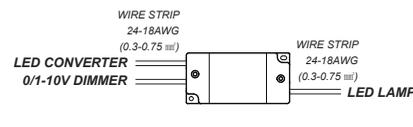


Fig. 4

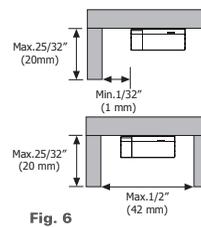


Fig. 6

##### Installation

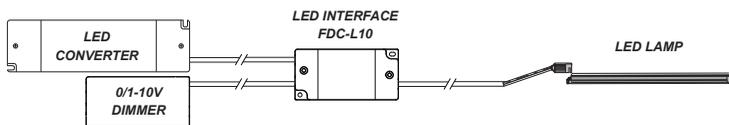


Fig. 7

The direction of the supply must be observed prior to installation ( IN .... OUT ). Fixing of the luminaires takes place via mounting clips. These must be fixed at the required point with a wood screw and the luminaire can be snapped in place. Impress the cover carefully at OUT at the last luminaire of a lighting row and fix it.

##### Connection only to special LED - Converter with a constant output voltage 24V

Feelux grants no warranty for LED DC 12V/24V driver when other LED drivers as the prescribed drivers are used !!

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##### Warning information

##### WARNING

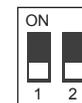
This product is for indoor use only. Fitting and removal must take place only with the supply disconnected. **Permanent mains connection must be undertaken only by a qualified specialist.** Always fully insert connections ! Pay attention to the marking ( arrows ) on the components.

Meaning of crossed-out wheeled dustbin: Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the foodchain, damaging your health and well-being. When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal at least free of charge.

##### CAUTION

- RISK OF FIRE (ATTENTION – RISQUE D'INCENDIE)
- INHERENTLY PROTECTED (PROTECTION INHÉRENTE)
- USE ONLY WITH CLASS 2 POWER UNIT (UTILISER SEULEMENT AVEC LA CLASSE 2 BLOC D'ALIMENTATION)
- SUITABLE FOR DAMP LOCATIONS (CONVIENT AUX EMPLACEMENTS HUMIDES)
- SUITABLE FOR UNDER-CABINET MOUNT (PEUT ÊTRE FIXÉ SOUS UNE ARMOIRE)
- LED light may be bright and intense enough to cause injury to human eyes. The customer should never look directly into the LED light.

##### DIP Switch Mode Setting



If you will use DC 0-10V signal dimmer, Please **No.1** set "OFF mode".  
 If you will use DC 1-10V signal dimmer, Please **No.1** set "ON mode"

If you will turn off LED output when input signal voltage is low than 0.8V, Please **No.2** set "OFF mode".  
 If you will turn on LED output when input signal voltage is low than 0.8V, Please **No.2** set "ON mode"