



Certificate No. FS 571788



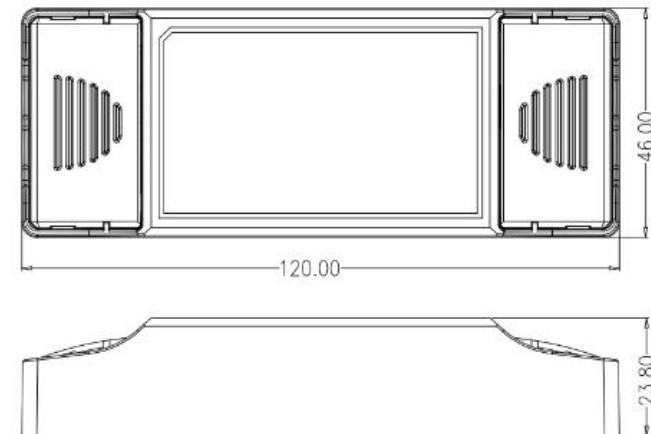
Certificate No. EMS 571787

Installation procedure: Carefully read the instructions and ensure the mains supply is isolated before installation. Please follow the wiring information before carrying out any installation. When installing, leave a space of at least 1.2m between the LED Panel and any heating source / air conditioning unit. Please retain this leaflet for future reference.

SPECIFICATIONS

Model	KL10C-PDiV, 1x10W
Rated voltage	220-240V AC, 50/60Hz
Rated current	0.07A (max)
Operating temperature	-25°C ~ 50°C
Dimming	DALI & PUSH & 1-10V
Output voltage	100mA 9-40V
	180mA 9-40V
	270mA 9-40V
	350mA 9-36V
	440mA 9-27V
The wire length of DALI	300m MAX
Abnormal protection	Output short-circuit protection after restart
Overheating protection	Overheating protection after restart
EMC standard	EN55015, EN61000-3-2, EN61547, EN61000-3-3
DALI standard	IEC62386-102, IEC62386-207
Safety standard	EN61347-1, EN61347-2-13, EN62493, EN61000-3-3
Certification	CE ENEC
Dimensions	120 x 46 x 23.8mm
Protection class	IP20

Dimension Drawing



All dimensions in mm

Installation procedure: Carefully read the installation instructions and ensure the mains supply is isolated before installation. Please follow the safety information overleaf before carrying out any installation. Please retain this leaflet for future reference.

FEATURES

- Built-in DALI 2 protocol, no flicker in full dimming range;
- Primary Push diming function; Push dimming has state memory function;
- Short circuit / over temperature / over voltage protection; reduce output current after over temperature;
- Standby power consumption $\leq 0.5W$;
- 5 year warranty.

⚠ Warning: Please make sure the correct current is set before starting the driver!

CONNECTION

1. Start with setting the output current. The current can be easily configured by choosing the correct combination of the DIP switches.
2. Connect the luminaires to the driver according to the wiring diagram (see Fig. A, B or C).

PUSH DIMMING (see wiring diagram, Fig A)

- On/off: short push (100ms~1sec) on the switch
- Stepless dimming: long push (1sec~8secs) on the switch.

1-10V DIMMING (see wiring diagram, Fig C)

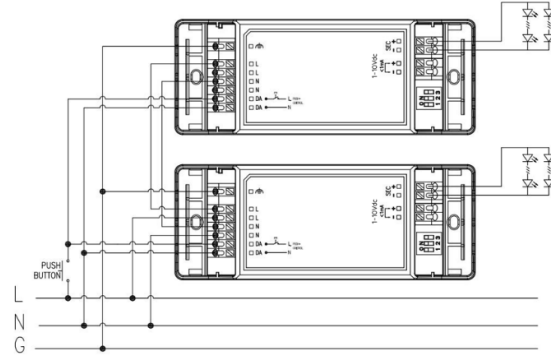
- As DALI and push dimming is always active, if the DALI dimming or push dimming is used first, users have to short 1-10V interface and power on driver for 15 seconds at least to make 1-10V active before using 1-10 dimming.

DALI DIMMING (see wiring diagram, Fig B)

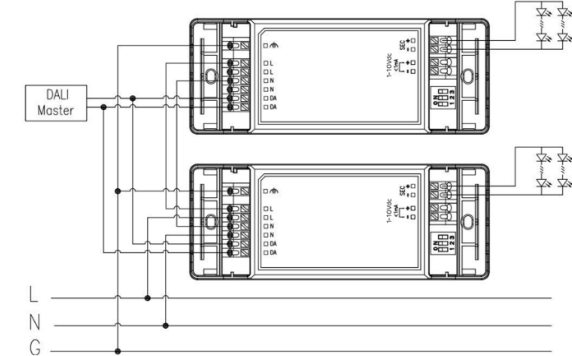
- The driver has a built-in DALI interface. DALI Dimming is always active.

WIRING DIAGRAMS:

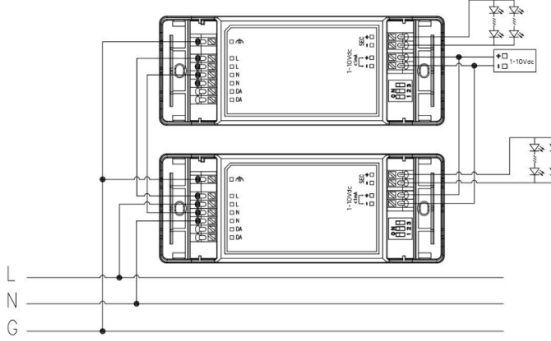
A PUSH DIMMING



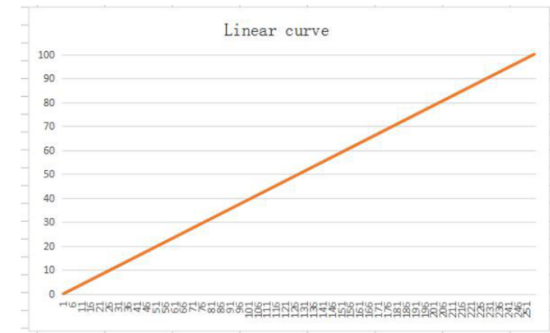
B DALI DIMMING



C 1-10V DIMMING



D DIMMING CURVE



PUSH DIMMING (see wiring diagram, Fig A)

- On/off: short push (100ms~1sec) on the switch
- Stepless dimming: long push (1sec~8secs) on the switch.

1-10V DIMMING (see wiring diagram, Fig C)

- As DALI and push dimming is always active, if the DALI dimming or push dimming is used first, users have to short 1-10V interface and power on driver for 15 seconds at least to make 1-10V active before using 1-10 dimming.

DALI DIMMING (see wiring diagram, Fig B)

- The driver has a built-in DALI interface. DALI Dimming is always active.

Current Settings			
	1	2	3
100mA	-	-	-
180mA	ON	-	-
270mA	ON	ON	-
350mA	ON	-	ON
440mA	ON	ON	ON



FAQ

Question	Cause	Solution
Lights will not illuminate	Incorrect wiring	Check wiring
	Driver had been turned off by push signal.	Long press push switch to recover the driver. Reset the driver by short 1-10V interface.
Lights out of synchronous	Press push switch repidly.	Long press push button at least 15s for re-synchroni-zation. Avoid rapidly pressing push button.