

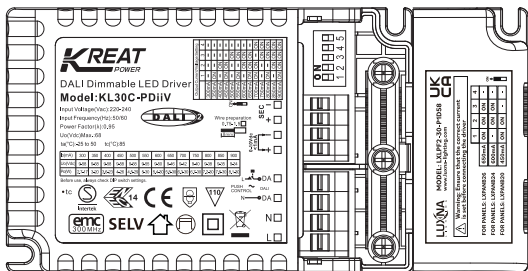
MODEL: LXLPF2-30-P1D58 /KL30C-PDiIV

LUXNA  
LIGHTING

KREAT  
POWER

MODEL: LXLPF2-30-P1D58

## Flicker-free DALI LED Driver 30W



EN



## FEATURE

- Built-in DALI-2 protocol, no flicker in full dimming range;
- Secondary 0-10V (the darkest below 1V does not turn off);
- Primary Push dimming function; Push dimming has state memory function;
- Short circuit / over temperature / over voltage protection; reduce output current after over temperature;
- Standby power consumption  $\leq 0.5W$ ;
- Life span > 50,000 hours.

## CONNECTION

1. Start with setting the output current. The current can be easily configured by choosing the correct combination of the DIP switches (see fig F)
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
- **Maximum 15 drivers per push switch / circuit**

## 0-10V DIMMING (see wiring diagram, Fig C)

- The driver supports any active 0-10V dimmer. Dimming curve, see Fig D.
- As DALI and push dimming is always active, if use the DALI dimming and push dimming first, users have to short 0-10V interface and power on driver 15 seconds at least to make 0-10V active before using 0-10V dimming.

## DALI DIMMING (see wiring diagram, Fig B)

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

## FACTORY SETTING

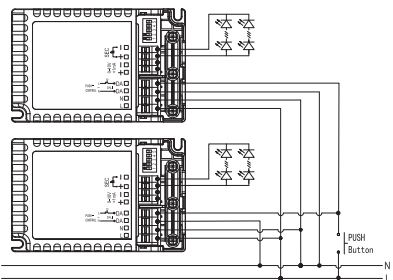
0-10V dimming, 650mA

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

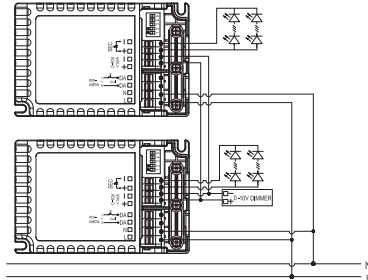
## SPECIFICATIONS

Model	LXLPF2-30-P1D58/KL30C-PDiIV, 1x30W
Rated voltage	220-240Vac, 50/60Hz
Rated current	0.16A (max)
Operating temperature	-25°C~50°C
Dimming	DALI & PUSH & 0-10V
Output voltage	300mA 9-58V DC 2.7-17W; 350mA 9-58V DC 3-20W; 400mA 9-58V DC 3.6-23W; 450mA 9-58V DC 4-26W; 500mA 9-58V DC 4.5-29W; 550mA 9-55V DC 5-30W; 600mA 9-50V DC 5.4-30W; 650mA 9-46V DC 5.8-30W; 700mA 9-42V DC 6.3-30W; 750mA 9-40V DC 6.7-30W; 800mA 9-38V DC 7.2-30W; 850mA 9-35V DC 7.6-30W; 900mA 9-34V DC 8.1-30W.
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
Certification	CE, ENEC14
Dims	103*67*22mm
Protection class	IP20

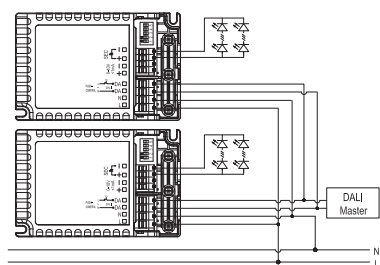
### A PUSH DIMMING Maximum 15 drivers per push switch / circuit



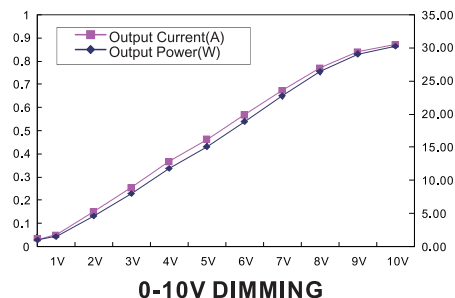
### C 0-10VDIMMING



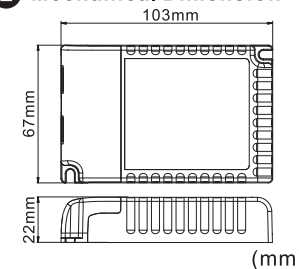
### B DALI DIMMING



### D



### E Mechanical Dimension



Output Current/Voltage Setting	Output Current/Voltage Setting			
	1	2	3	4
300mA	-	-	-	-
350mA	ON	-	-	-
400mA	-	ON	-	-
450mA	ON	ON	-	-
500mA	-	-	ON	-
550mA	ON	-	ON	-
600mA	-	ON	ON	-
650mA	ON	ON	ON	-
700mA	-	-	-	ON
750mA	-	-	ON	ON
800mA	ON	-	ON	ON
850mA	-	ON	ON	ON
900mA	ON	ON	ON	ON

## FAQ

QUESTION	CAUSE	REMEDY
Lights will not illuminate	Incorrect wiring	Check wiring
	Driver had been turn off by push signal.	Long press push switch to recover the driver. Reset the driver by short 0-10V interface.
Lights out of synchronous	Press push switch rapidly.	Long press push button at least 15s for re-synchronization. Avoid to rapidly press push button.

LUXNA  
LIGHTING

LXDDP1D58V3.23  
www.luxna-lighting.com