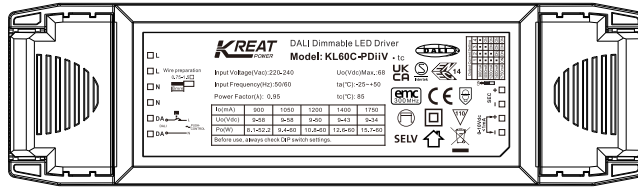


KL60C-PDiV



Flicker-free DALI LED Driver 60W



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

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, FigB)

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

FACTORY SETTING

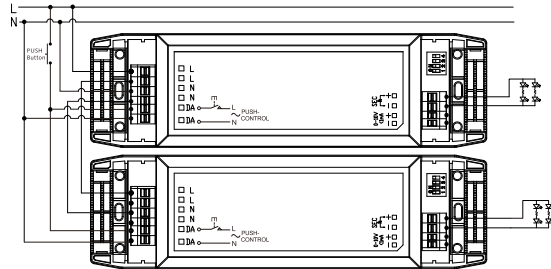
0-10V dimming, 900mA

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

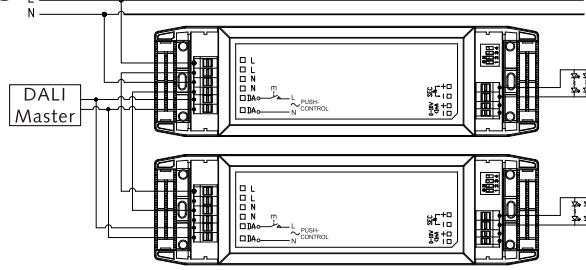
SPECIFICATIONS

Model	KL60C-PDiV, 1x60W		
Rated voltage	220-240V AC, 50/60Hz		
Rated current	0.32A (max)		
Operating temperature	-25°C~50°C		
Dimming	DALI & PUSH & 1-10V(0-10V)		
Output voltage	900mA	9~58Vdc	8.1~52.5W;
	1050mA	9~58Vdc	9.4~60W;
	1200mA	9~50Vdc	10.8~60W;
	1400mA	9~43Vdc	12.6~60W;
	1750mA	9~34Vdc	15.7~60W
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, CB, ENEC14, SEMKO		
Dims	202*58*30mm		
Protection class	Ip20		

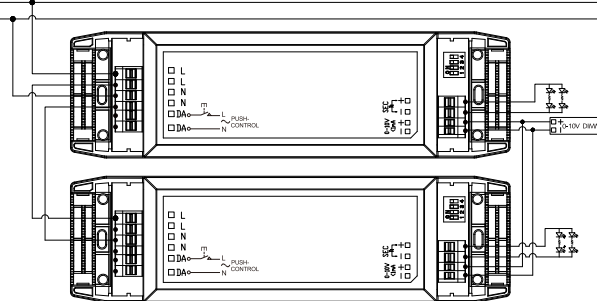
A PUSH DIMMING



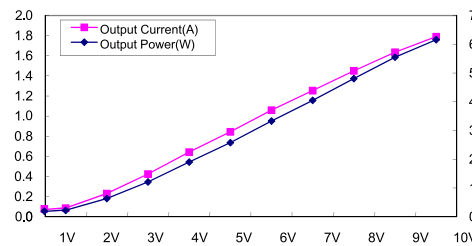
B DALI DIMMING



C 0-10V DIMMING

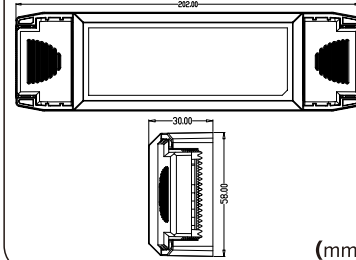


D



0-10V DIMMING

E Machine dimension



F

Output Current Setting				
	1	2	3	4
900mA	-	-	-	-
1050mA	-	-	-	ON
1200mA	-	-	ON	ON
1400mA	-	ON	ON	ON
1750mA	ON	ON	ON	ON



(mm)

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.

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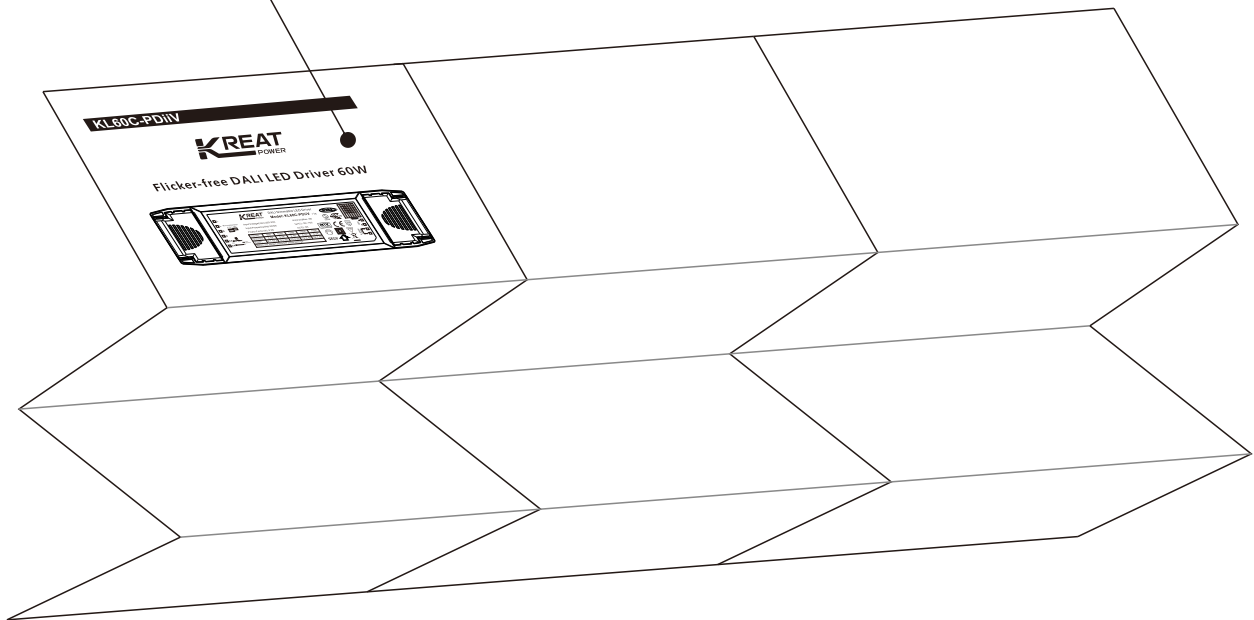
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File NO KF-BZD-2203-033

折页方式,此面朝上



材质要求：70G书写纸 297*210MM 黑白单面印
成品尺寸： 99*52.5MM

△3				产品名称	智能电源		物料名称	说明书			视角			
△2	增加UKCA标志	陈阳	20230320	产品型号	KL60C-PDiiV		物料编码	1050020001282			版本	A2	单位	mm
△1	更新PUSH调光接线图	陈阳	20211015	设计	陈阳	20211014	材料		数量	1	页次	1	比例	1:1
序号	变更内容	变更人	日期	审核			深圳迈睿智能科技有限公司 ShenZhenMerrytekTechnologyCO.,LTD							
路径	2-辅助设计\1-包装类\KL 智能电源\KL60C-PDiiV			批准										

±0.5°		没有指定角度可接受		
±0.4	±0.3	±0.2	±0.1	没有指定公差
600>L>300	300>L>100	100>L>20	20>L	线性长度

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