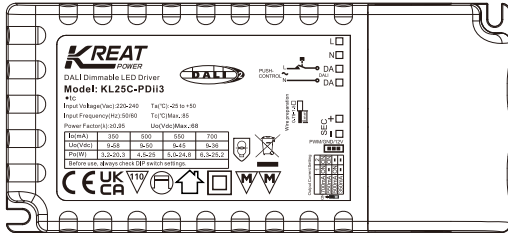


KL25C-PDii3



Flicker-free DALI LED Driver 25W



EN

Instruction
MI220330A0



FEATURE

- Built-in DALI 2 protocol, no flicker in full dimming range;
- 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.

ON/OFF & DESCRIPTION OF DIMMING OPERATION

- Short press the PUSH switch (short press time 0.1S-1S), the LED driver will turn on or off.
- Dimming: Press and hold the PUSH switch (1S-8S), the LED driver can achieve dimming, brightening or dimming, the dimming range is 2-100%.
- Memory: PUSH dimming has dimming memory function.
- Dimming synchronization: The power connected to the same PUSH switch can be synchronized by pressing and holding the PUSH switch for longer than 15S
- DALI dimming mode: Connect the power supply to the DALI system, and it can be dimmed by the DALI host. The dimming range is 0-100%.

CONNECTION

- Start with setting the output current. The current can be easily configured by choosing the correct combination of the DIP switches(see fig D).
- Connect the luminaires to the driver according to the wiring diagram.(see Fig AorB).

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.

DALI DIMMING (see wiring diagram, Fig B)

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

FACTORY SETTING

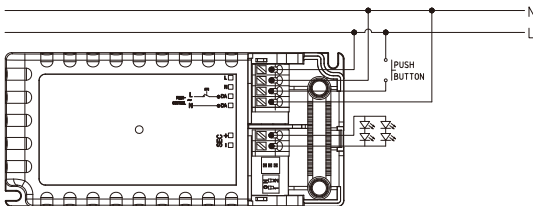
350mA

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

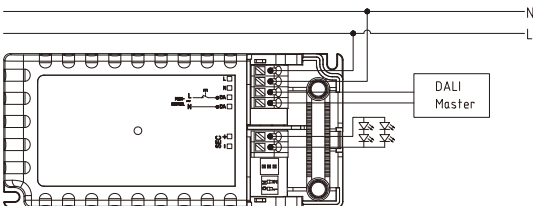
SPECIFICATIONS

Model	KL25C-PDii3, 1x25W		
Rated voltage	220-240VAC, 50/60Hz		
Rated current	0.14A (max)		
Operating temperature	-25°C~50°C		
Dimming	DALI & PUSH		
Output voltage	350mA	9~58VDC	3.2~20.3W;
	500mA	9~50VDC	4.5~25W;
	550mA	9~45VDC	5.0~24.8W
	700mA	9~36VDC	6.3~25.2W.
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, EN60598-1		
Certification	CE		
Dims	110*50*23.5mm		
Protection class	IP20		

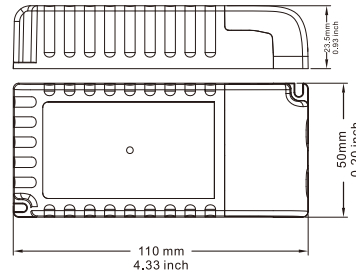
A PUSH DIMMING



B DALI DIMMING



C Mechanical Dimension



D

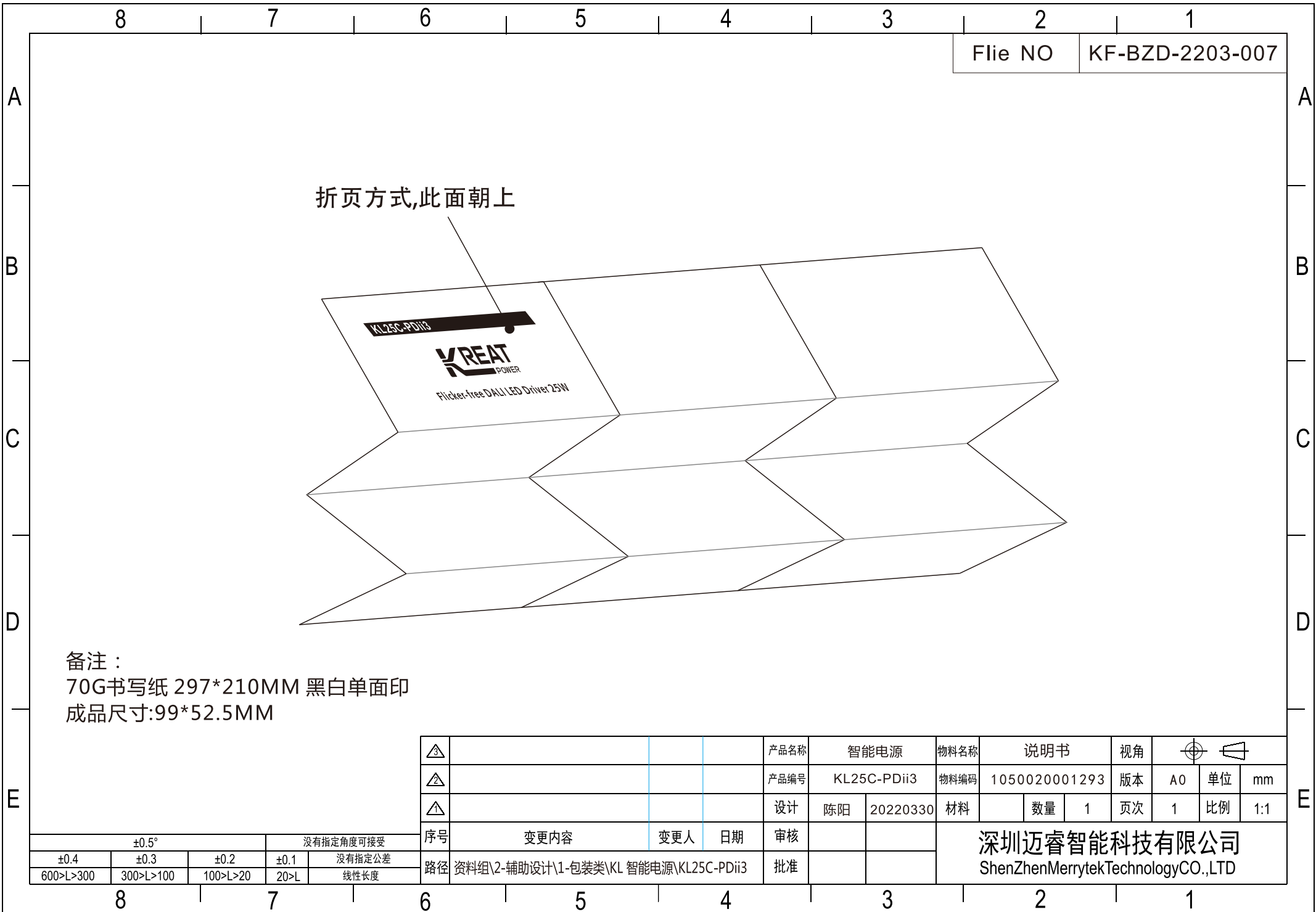
Output Current Setting

Io(mA)	1	2
700mA	ON	ON
550mA	—	ON
500mA	ON	—
350mA	—	—

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.
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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Guangming District, Shenzhen, China, 518106
• www.merrytek.com • Email:sales@merrytek.com



折页方式,此面朝上

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

				产品名称	智能电源		物料名称	说明书			视角			
				产品编号	KL25C-PDii3		物料编码	1050020001293			版本	A0	单位	mm
				设计	陈阳	20220330	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	资料组\2-辅助设计\1-包装类\KL 智能电源\KL25C-PDii3				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