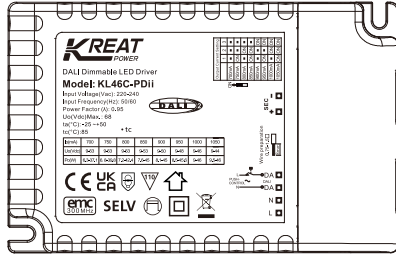


KL46C-PDii



Flicker-free DALI LED Driver 46W



EN

Instruction

MI220721A0



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.

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 D)
2. Connect the luminaires to the driver according to the wiring diagram.(see Fig A,B)

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, FigB)

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

MATTERS NEEDING ATTENTION

1. The LED string must be connected to the load before turning on the input power, otherwise the LED string may be damaged.
2. After the LED drive input is powered off, there will be a residual voltage at the output, which can be maintained for about 10 minutes.

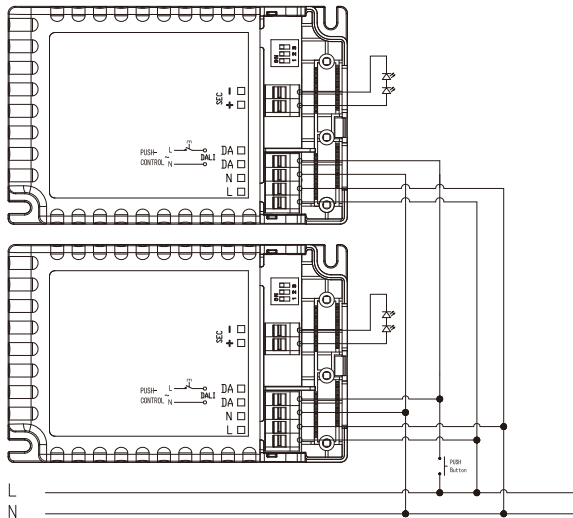
FACTORY SETTING: 700mA

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

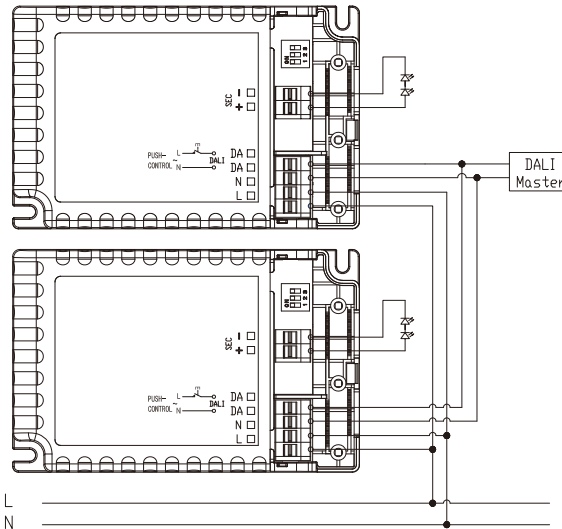
SPECIFICATIONS

Model	KL46C-PDii, 1x46W		
Rated voltage	220-240V AC, 50/60Hz		
Rated current	0.3A (max)		
Operating temperature	-25°C~50°C		
Dimming	DALI & PUSH		
Output voltage	700mA	9~53V DC	6.3~37.1W;
	750mA	9~53V DC	6.8~39.8W;
	800mA	9~53V DC	7.2~42.4W;
	850mA	9~53V DC	7.6~45W;
	900mA	9~50V DC	8.1~45W;
	950mA	9~48V DC	8.5~45.6W;
	1000mA	9~46V DC	9~46W;
	1050mA	9~44V DC	9.5~46W.
The wire length of DALI	300m Max.		
Abnormal protection	Output short-circuit protection after restart		
Overheating protection	Overheating protection after restart		
EMC standard	EN55015, EN61547, EN61000-3-2, EN61000-3-3		
DALI standard	IEC62386-102, IEC62386-207		
Safety standard	EN61347-1 EN61347-2-13		
Certification	CE		
Dims	123 * 79 * 23.8mm		
Protection class	IP20		

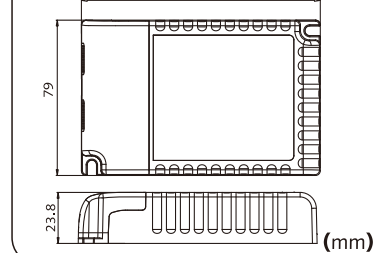
A PUSH DIMMING



B DALI DIMMING



C Machine dimension



D

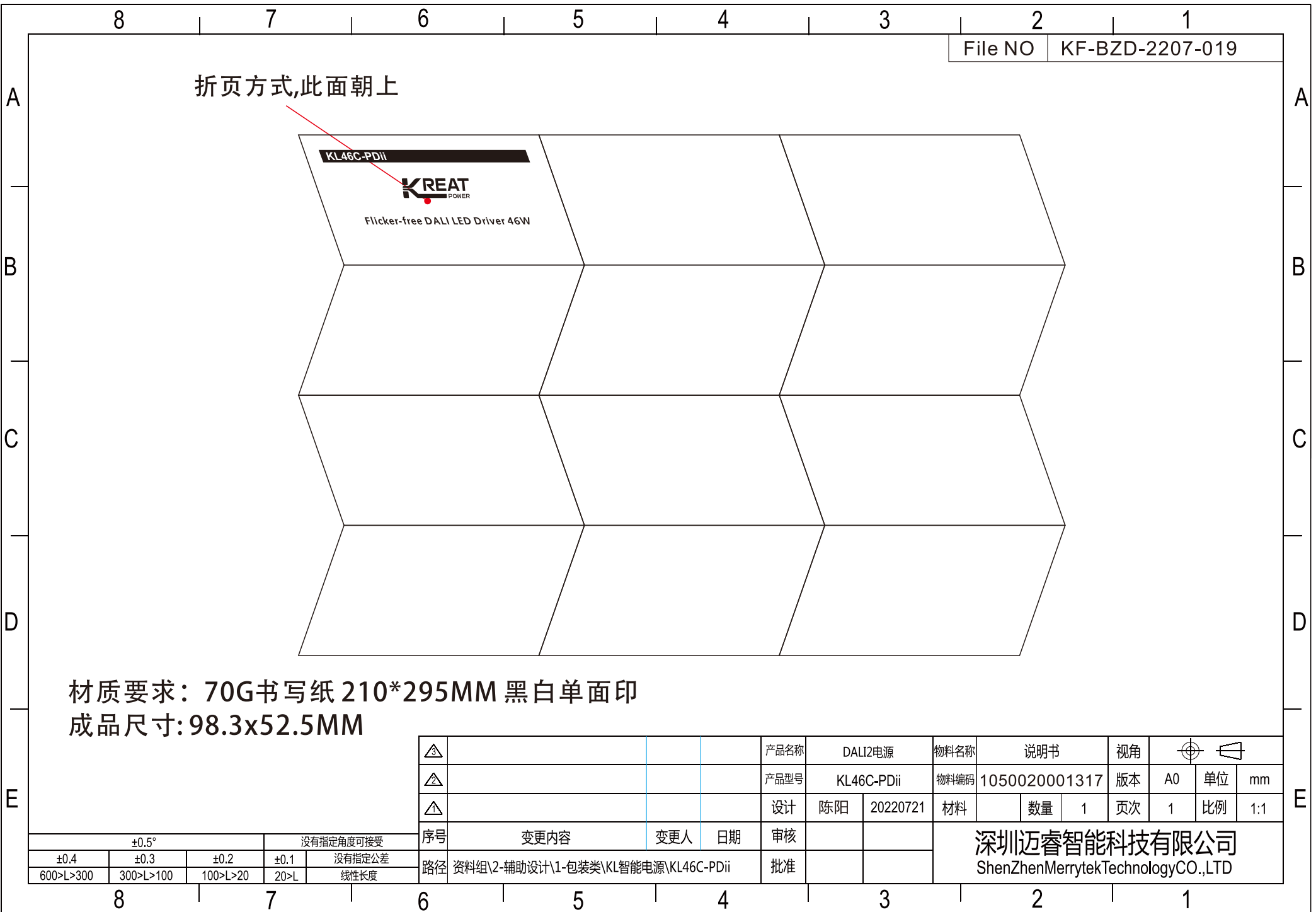
Output Current Setting			
	1	2	3
700mA	-	-	-
750mA	ON	-	-
800mA	-	ON	-
850mA	ON	ON	-
900mA	-	-	ON
950mA	ON	-	ON
1000mA	-	ON	ON
1050mA	ON	ON	ON

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.
Lights out of synchronous	Press push switch rapidly.	Long press push button at least 15s for re-synchronization. Avoid to rapidly press push button.

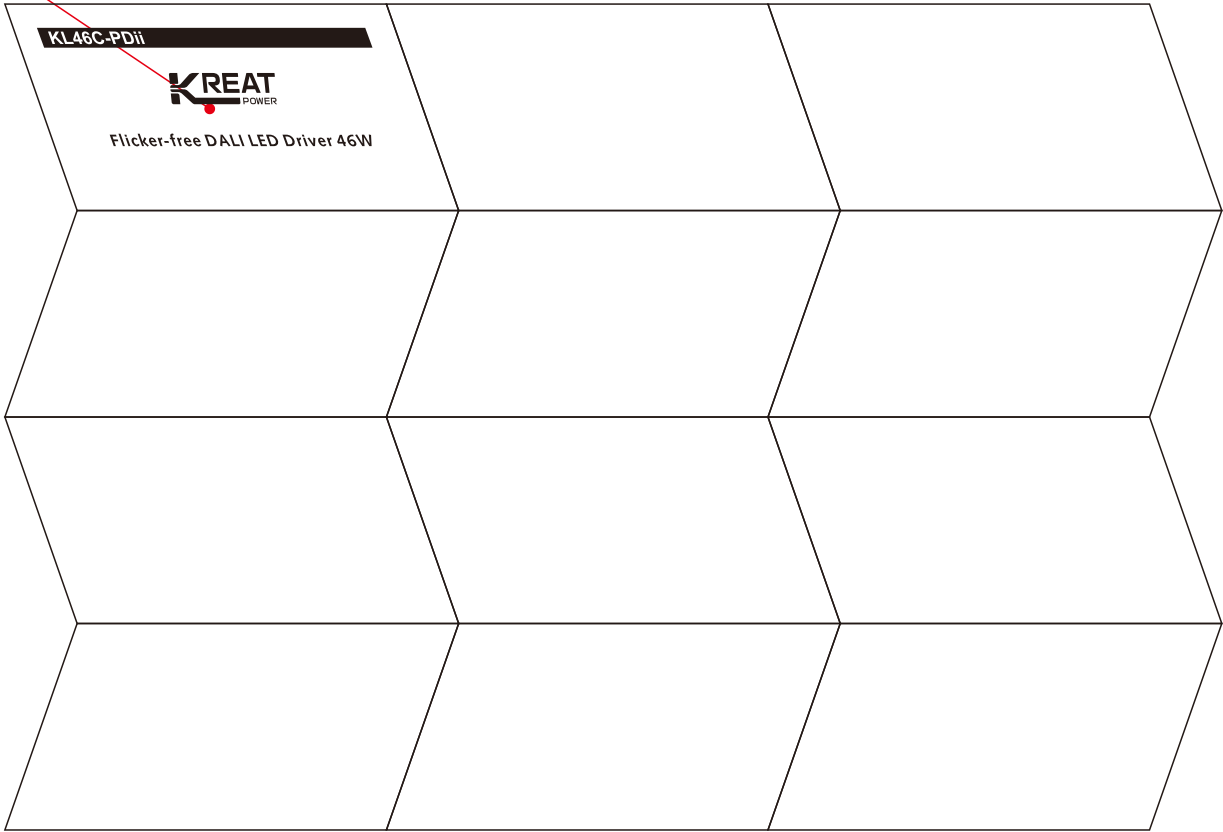
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File NO KF-BZD-2207-019

折页方式,此面朝上



材质要求：70G书写纸 210*295MM 黑白单面印
成品尺寸:98.3x52.5MM

△				产品名称	DALI2电源		物料名称	说明书			视角			
△				产品型号	KL46C-PDii		物料编码	1050020001317			版本	A0	单位	mm
△				设计	陈阳	20220721	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\KL46C-PDii					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	