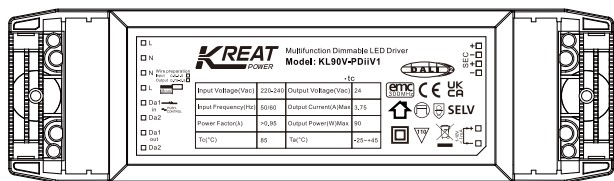


KL90V-PDiiV1



Flicker-free DALI LED Driver 90W



EN



Instruction
MI221208A0

FEATURE

- Flicker-free for whole dimming range
- Stand-by power below 0.5W
- Primary dimming with push button
- Secondary dimming with 0-10V dimmer and potentiometer
- Built-in DALI interface DT6
- Supports 10V PWM dimming (3KHz-8KHz)
- Protection: short circuit / over temperature / over voltage
- Derating current for over high ambient temperature
- Push dim with memory function
- 5 year warranty

ON/OFF & Description of Dimming Operation

A. Short press the PUSH switch (short press time 0.1S-1S), the LED driver will turn on or off.

B. Dimming:

Press and hold the PUSH switch (1S-8S), the LED driver can achieve dimming, brightening or dimming, the dimming range is 2-100%.

C. Memory:

PUSH dimming has dimming memory function.

D. Dimming synchronization:

The power connected to the same PUSH switch can be synchronized by pressing and holding the PUSH switch for longer than 15S

E. DALI dimming mode:

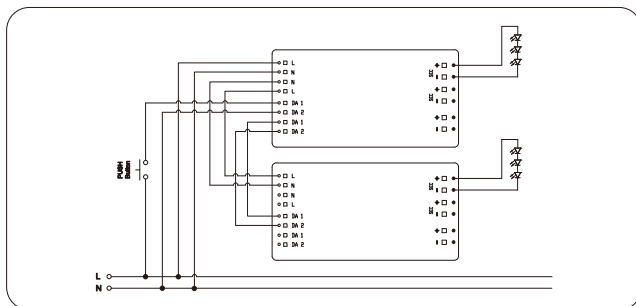
Connect the power supply to the DALI system, and it can be dimmed by the DALI host. The dimming range is 0-100%.

F. Constant voltage dimming drivers cannot be used in lamps with constant current circuits.

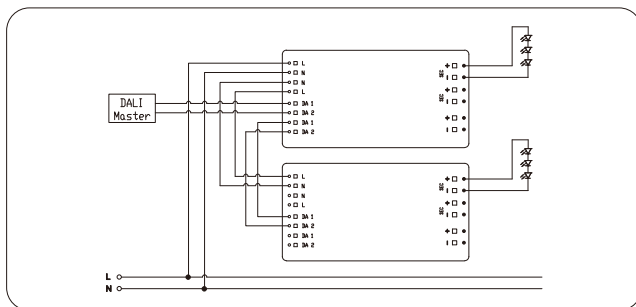
SPECIFICATIONS

Model	KL90V-PDiiV1, 1x90W
Rated voltage	220-240V AC, 50/60Hz
Rated current	0.45A (max)
Operating temperature	-25°C~50°C
Dimming	DALI & PUSH & 0-10V(1-10V)
The wire length of DALI	300m Max.
Abnormal protection	Yes, reset power on to recover
Overheating protection	Yes, reset power on to recover
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
Dims	202*58*30mm
IP rating	IP20
Protection class	CLASS II

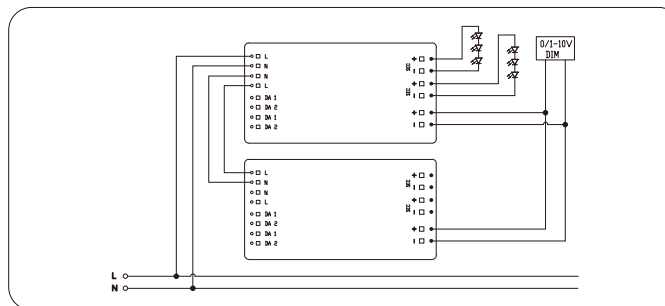
PUSH DIMMING



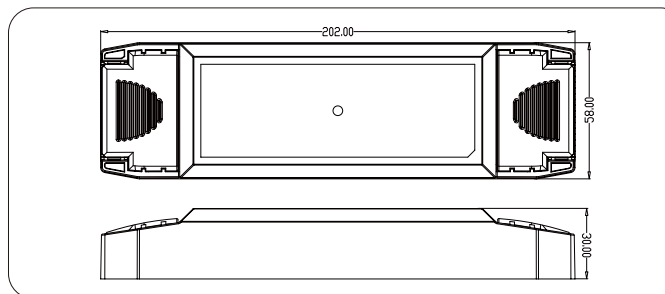
DALI DIMMING



0-10V DIMMING



Dimension(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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Shenzhen, China, 518106
www.merrytek.com Email:sales@merrytek.com

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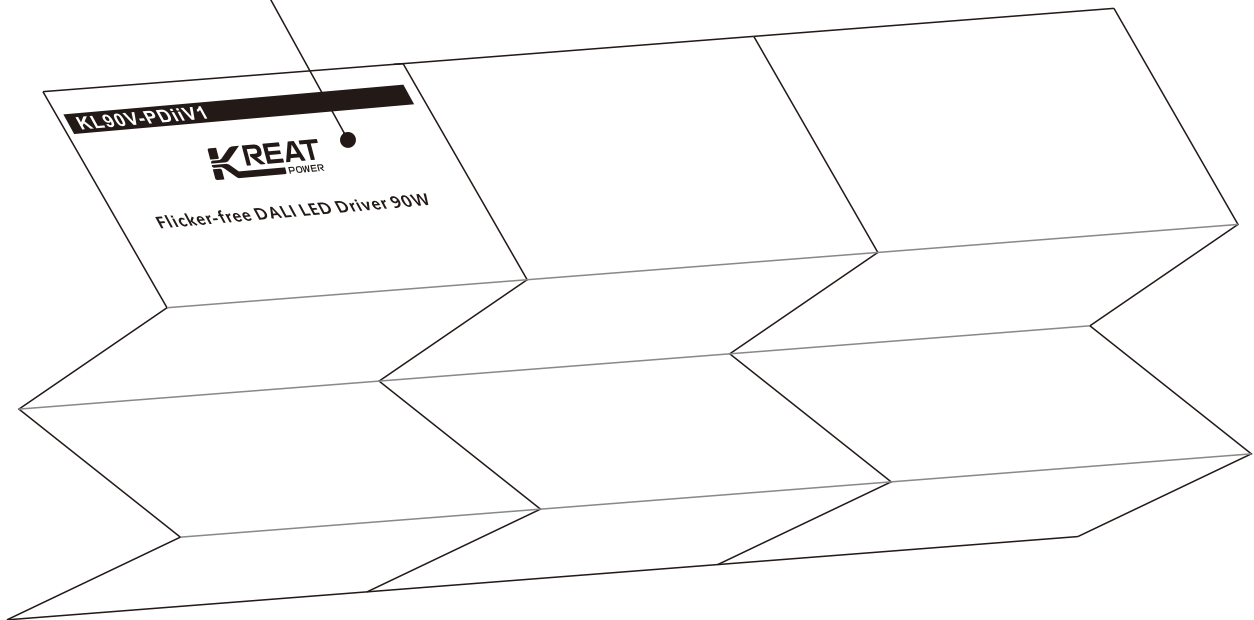
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File NO KF-BZD-2212-017

折页方式,此面朝上



材质要求：70G书写纸 210*285MM 黑白单面印
成品尺寸： 95*52.5MM

△				产品名称	恒压调光电源		物料名称	说明书			视角			
△				产品型号	KL90V-PDiiV1		物料编码	1050020001340			版本	A0	单位	mm
△				设计	陈阳	20221209	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\KL90V-PDiiV1			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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