

EULP75D-2H24V

summary

EULP75D-2H24V is a constant voltage mode output LED driver. It supports DALI standard protocol and adjustment of brightness and colour temperature.

Product features

- 2 channels of constant voltage output, each carrying 3.125A ; separately ; When carrying multiple loads, the cumulative load shall not exceed 3.125A
- Meet DALI protocol IEC 62386 DT8
- Dimming effect smooth, no flicker
- Over load protection; short circuit protection
- IP20, suitable for indoor LED lighting application



Tunable White(DT8)

Application



Wall Washer



LED Strip Light



LED Tube



Underground Light

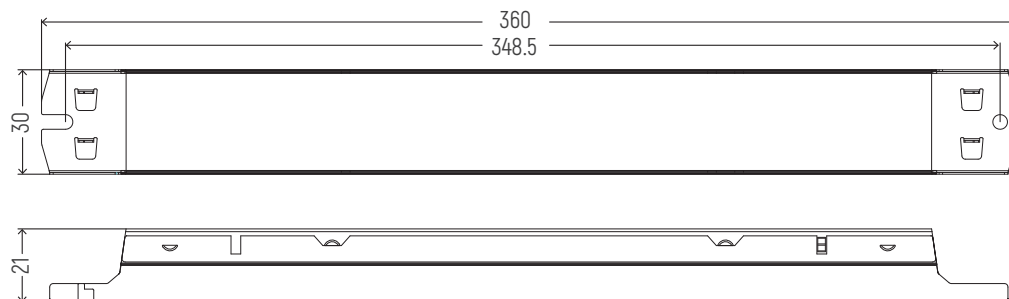


AR111 Venture Light

technical parameter

Model	EULP75D-2H24V	
Input	Voltage	220VAC-240VAC
	Frequency Range(Hz)	50/60Hz
	Efficiency	≥91%@230VAC, full load
	PF	≥0.95@230VAC, full load
	Current	0.44Amax@230VAC
	THD	< 10% @ 230VAC, full load
	Inrush current	Cold start , 42A@230VAC 100us
	Standby power	≤0.5W
	No load power	≤0.5W
	Turn on delay Time	≤ 1s, at230Vac (When the light begins to shine)
Output	Current/Voltage/Power	3.125A/24V±3%/75W
	Channel	2
	Ripple Voitage	< 3%
	No load output voltage	25.2VDC max
Function	Dimming type	DALI (Touch DIM)
	Dimming range	0.1%-100%
	Color temperature	3000K-6000K
	Dimming curve	Logarithm / linearity
	Flicker	No stroboscopic
Protection	Over load	Reduce the current burping protection, eliminate the fault, and the output is normal
	Short circuit	There is no output in case of short circuit, and the output is normal after troubleshooting
Safety&EMC	Surge	L-N 1000VAC L,N-GND 2000VAC
	Withstand Voltage	Input to output 3750VAC / 1min / < 5mA Input to GND 1500vac / 1min / < 5mA Output to GND 500Vac / 1min
	Safety standards	IEC/EN62384, IEC/EN61347-1, IEC/EN61347-2-13, GB19510.1, GB19510.14
	EMC Immunity	EN61000-4-2, 3, 4, 5, 6, 8, 11; EN55015, EN61000-3-2; GB17626.3, 4, 5, 6, 8, 11; GB17743 GB17625.1, 2
	Insulation Resisance	5M Ω
	Working temp.	ta:-20℃~50℃
Others	tc	70℃ @230Vac
	Storage Temp., Humidity	-40℃~85℃, 20-90%RH
	Lifetime	50000 hours @tc: 50℃
	Warranty	5 years
	IP rating	IP20
	Material	Metal
	Switch cycle	> 25000 times
	Dimension	360*30*21mm (L*W*H)
	Packing size	Net weight: 280g ± 5% / PCS; 50PCS/Cartron; 14.5kg ± 5% / box; Outer box size: 370*326*127mm

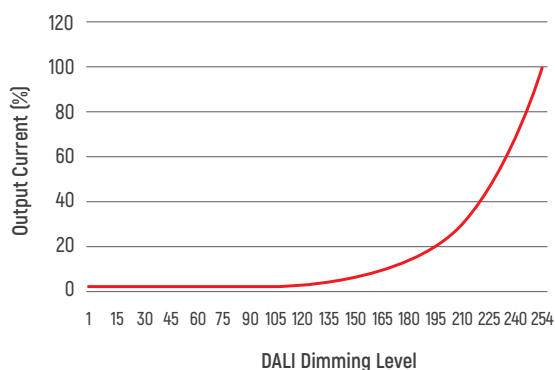
Size(mm)



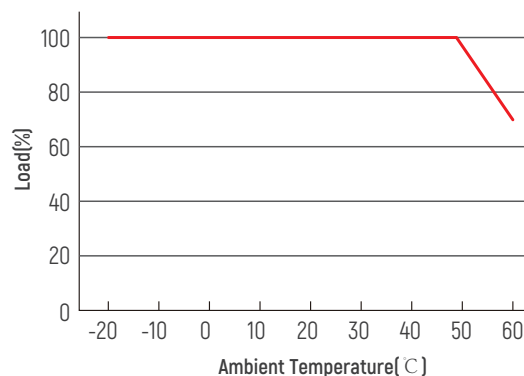
Wiring diagram



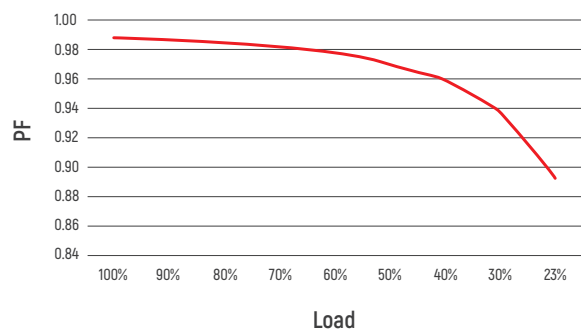
Dimming curve



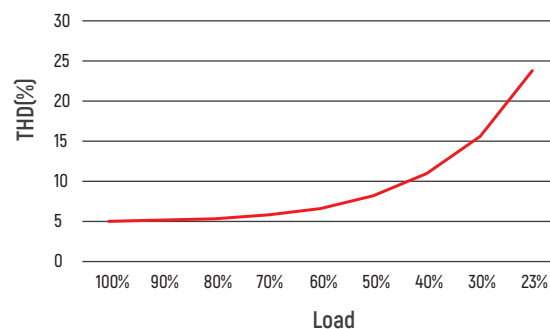
Derating Curve



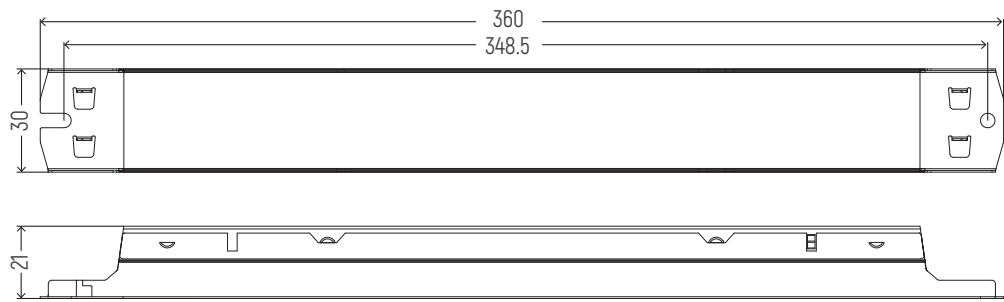
PF vs Load



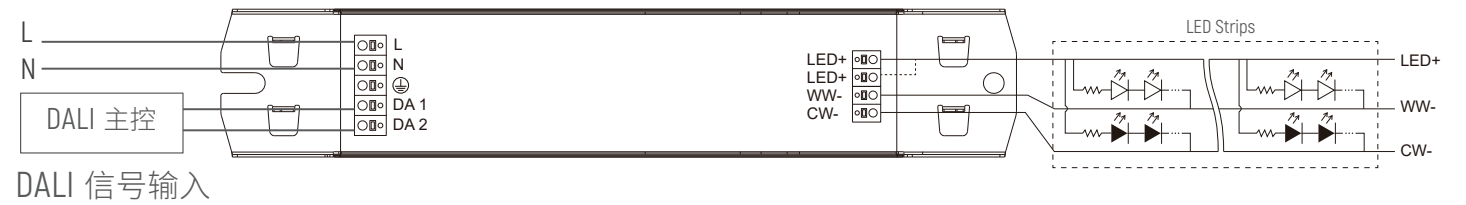
THD



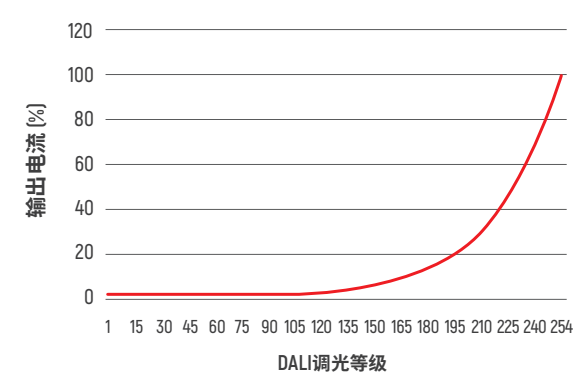
尺寸(mm)



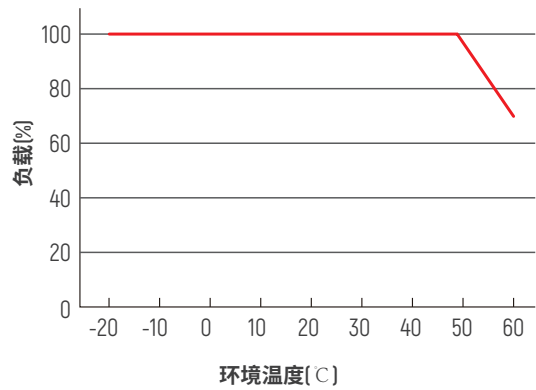
接线图



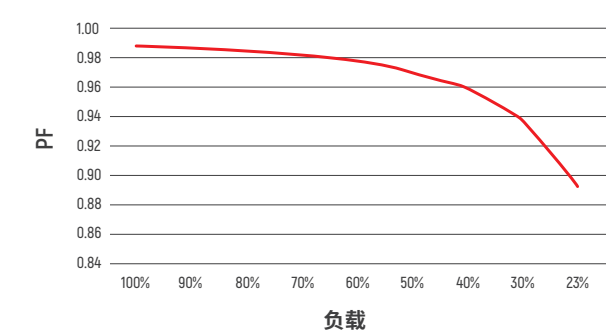
调光曲线



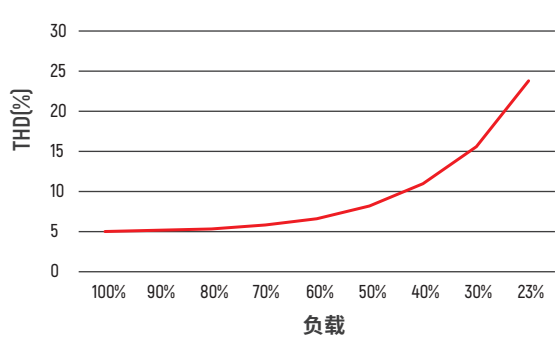
降额曲线



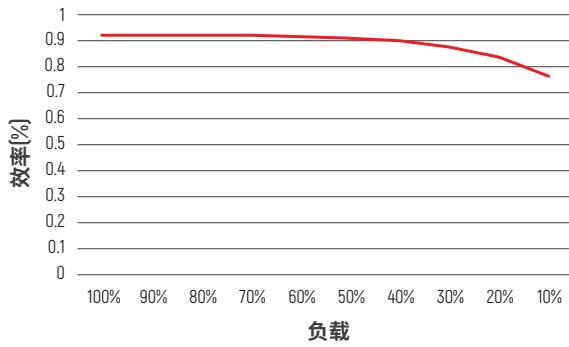
PF vs 负载



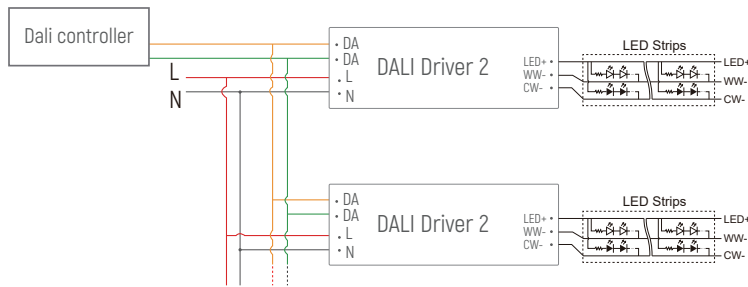
THD



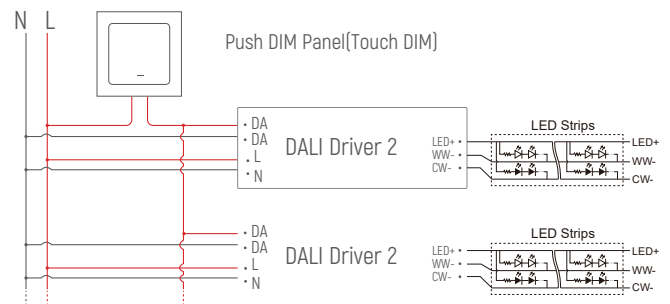
效率 Vs 负载



DALI应用图



Push DIM Panel(Touch DIM)



备注: 只能使用开路的按压式开关(不带指示灯). 采用同步连线时每个设备和设备之间的线长不超过20米.

Push DIM 功能

1. 长按Push DIM(Touch DIM)开关8s, 进入Push DIM (Touch DIM)模式。
2. 短按Push DIM (Touch DIM)开关 (<0.5秒) 进行灯的亮暗控制。
3. 长按Push DIM (Touch DIM)开关 (>0.5秒) 进行灯具的亮度调节, 光是调亮还是调暗, 随着每次按压的开关变化而变换。
4. 双击Push DIM (Touch DIM)开关 (<0.3秒), 连接的所有灯具将达到最亮状态。
5. 亮度调节范围为1%-100%。
6. 具有断电记忆功能, 重新上电将恢复到上一次断电的状态。

注意事项:

- 1、本产品请由具有专业资格的人员进行调试安装。
- 2、本产品不能防水, 需避免日晒雨淋, 如安装在户外, 请用防水箱。
- 3、良好的散热条件会延长产品的使用寿命, 请把产品安装在通风良好的环境。
- 4、请检查使用的LED电源输出电压电流, 是否符合产品要求。
- 5、出于安全考虑, 推荐输入和输出 (信号端除外) 用0.75-1.5mm² PVC或橡胶线缆, 并确保接线牢固, 以免电线过热或接触不良触发事故。扁平电源线不适用。
- 6、通电调试前, 应确保所有接线正确, 以避免因接线错误而导致灯具损坏。
- 7、如果发生故障, 请勿私自维修; 如果有疑问, 请联系供应商。

※ 本说明书内容如有更新, 恕不另行通知。若您使用的产品功能与说明书不一致时, 请以产品为准。如有疑问请与我们联系。