

EULP150D-2H24V

summary

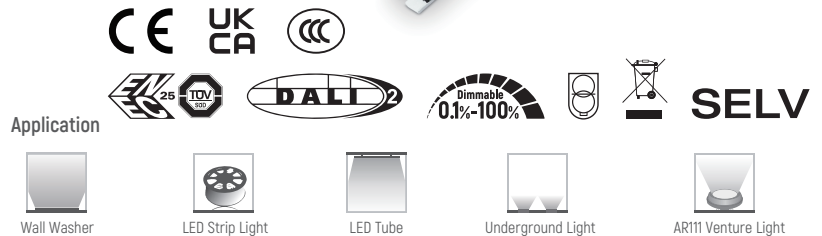
EULP150D-2H24V is a constant voltage mode output LED driver. It supports DALI standard protocol and adjustment of brightness and colour temperature.

Product features

- 2 channels of constant voltage output, each carrying 6.25A ; separately ;
When carrying multiple loads, the cumulative load shall not exceed 6.25A
- Meet DALI protocol IEC 62386-101 102 207 209 (DT8)
- Dimming effect smooth, no flicker
- Over load protection; short circuit protection
- IP20, suitable for indoor LED lighting application



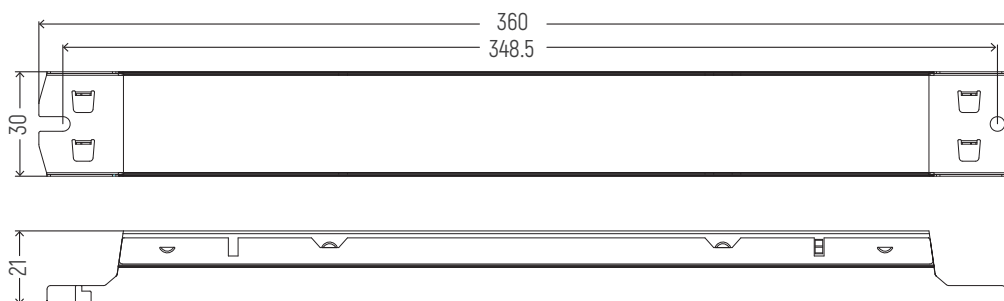
Tunable White(DT8)



technical parameter

Model	EULP150D-2H24V	
Input	Voltage	220VAC-240VAC
	Frequency Range(Hz)	50/60Hz
	Efficiency	≥91%@230VAC, full load
	PF	≥0.95@230VAC, full load
	Current	0.88Amax@230VAC
	THD	< 10% @ 230VAC, full load
	Inrush current	Cold start , 40A@230VAC 100us
	Standby power	≤0.5W
	No load power	≤0.5W
	Turn on delay Time	≤0.75s, at230Vac (When the light begins to shine)
Output	Current/Voltage/Power	6.25A/24V/150W
	Channel	2
	Ripple Voitage	< 3%
	No load output voltage	25.2VDC max
Function	Dimming type	DALI2.0 (Touch DIM)
	Dimming range	0.5%-100%
	Color temperature	2700K-6500K
	Dimming curve	Logarithm
	Flicker	No stroboscopic
Protection	Over load	Reduce the current burping protection, eliminate the fault, and the output is normal
	Over Voltage	There is no output in case of short circuit, and the output is normal after troubleshooting
	Short circuit	Current down, troubleshooting output normal
Safety&EMC	Surge	L-N 1000VAC L,N-GND 2000VAC
	Withstand Voltage	I/P-O/P: 3750VAC / 1min / < 5mA O-signal: 1500vac / 1min / < 5mA
	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
Others	Working temp.	ta:-20℃~50℃
	tc	90℃ @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/Carton; 14.5kg ± 5% / box; Outer box size: 370*326*127mm

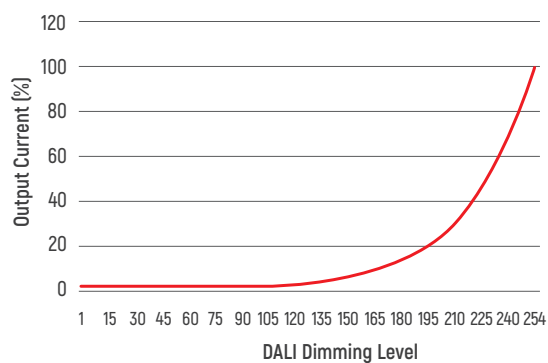
Size(mm)



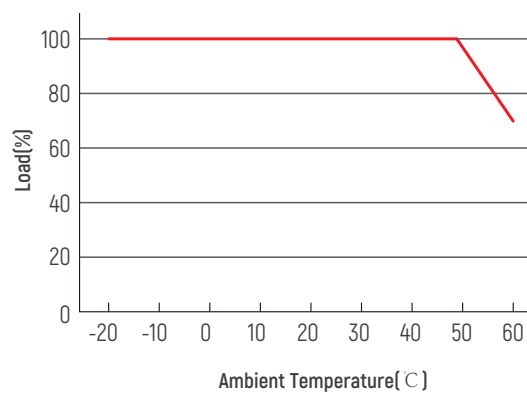
Wiring diagram



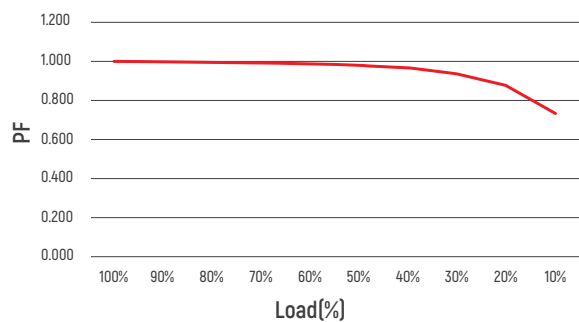
Dimming curve



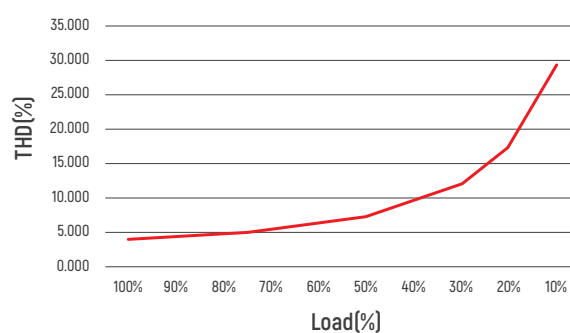
Derating Curve



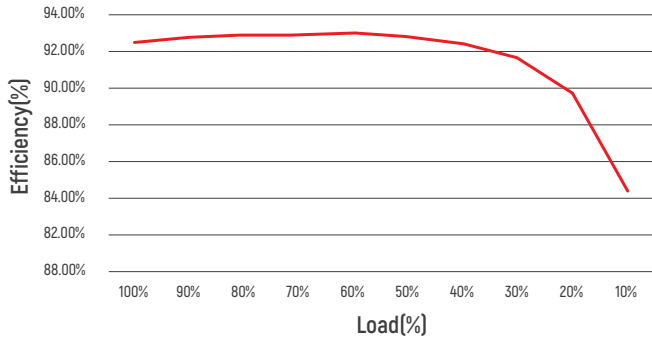
PF vs Load



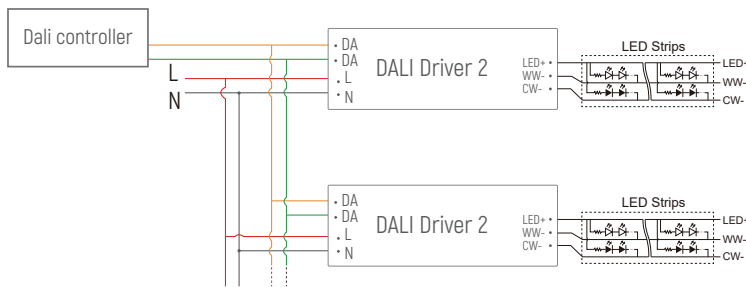
THD



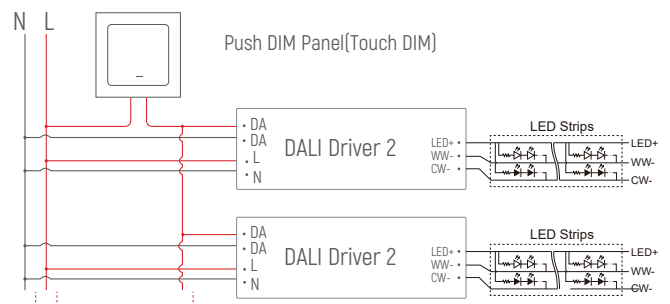
Eff. Vs load



Dali application diagram



Push DIM Panel(Touch DIM)



Note: only open circuit push switch (without indicator light) can be used When synchronous connection is adopted, the line length between each equipment and equipment shall not exceed 20 meters

Push dim function

1. Press and hold the push DIM switch for 8s or more to enter the push dimming mode.
2. Press the push DIM switch briefly to turn on or off the lamp and return to the last memory state.
3. Press and hold the push DIM switch for dimming, stop at the current brightness when releasing, and adjust in the opposite direction every time, with the dimming range of 5% - 100%
4. Double click the push DIM switch to turn on the lamp to the brightest and cool light (this function is also used to adjust the consistency of multiple power supplies in the same circuit)
5. Colour switch is valid only after entering push DIM mode.
6. Press colour SWITCH briefly to set the color temperature mode, with 9 values between 2,700 and 6,500K.
7. Long press Colour SWITCH can continuously adjust the color temperature. Every long press, the color temperature will be adjusted in the opposite direction, with the color temperature range of 2700-6500K.
8. Double click colour switch, turn on the lamp to the brightest, cold light (this function is also used to adjust the consistency of multiple power supplies in the same circuit)

matters needing attention

1. This product should be debugged and installed by qualified personnel.
2. This product cannot be waterproof and should be protected from the sun and rain. If it is installed outdoors, please use a waterproof box.
3. Good heat dissipation conditions will prolong the service life of the product. Please install the product in a well ventilated environment.
4. Please check whether the output voltage and current of the LED power supply meet the product requirements.
5. For safety reasons, it is recommended to use 0.75-1.5mm for input and output (except signal terminal) ² PVC or rubber cables, and ensure that the wiring is firm to avoid accidents caused by overheating or poor contact of wires. Flat power cord is not applicable.
6. Before power on commissioning, ensure that all wiring is correct to avoid damage to lamps due to wrong wiring.
7. In case of failure, do not repair without permission; If in doubt, please contact the supplier.

※ the contents of this manual are subject to update without notice. If the function of the product you use is inconsistent with the manual, please take the product as the standard. If you have any questions, please contact us.