

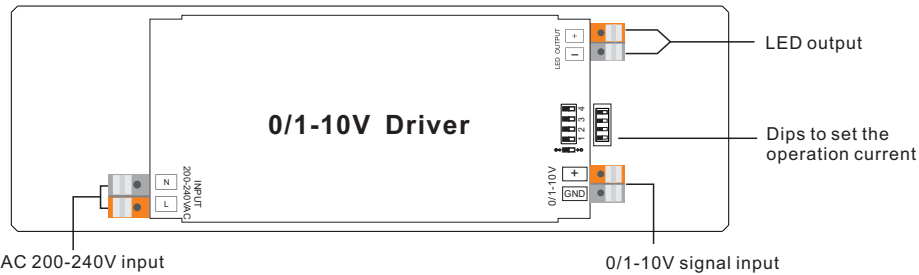
30W 0/1-10V Dimmable LED Driver (Constant Current)

LED Controlled Device



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Output	Selectable Current	250mA	300mA	350mA	400mA	450mA	500mA	550mA	600mA
	DC Voltage Range	8-55V	8-55V	8-55V	8-55V	8-55V	8-55V	8-54V	8-50V
	Selectable Current	650mA	700mA	750mA	800mA	850mA	900mA	950mA	1000mA
	DC Voltage Range	8-46V	8-43V	8-40V	8-37V	8-35V	8-33V	8-31V	8-30V
	Rated Power	30W max.							
Input	Voltage Range	200-240V AC							
	Frequency Range	50/60Hz							
	Power Factor (Typ.)	> 0.9 @ 230VAC							
	Total Harmonic Distortion	THD ≤ 12% (@ full load / 230VAC)							
	Efficiency (Typ.)	83% @ 230VAC full load							
	AC Current (Typ.)	0.17A @ 230VAC							
	Inrush Current (Typ.)	COLD START 2A max. at 230VAC							
Control	Leakage Current	< 0.5mA /230VAC							
	Dimming Interface	0/1-10V							
	Dimming Range	0.1%-100%							
	Dimming Method	Amplitude dimming (PWM dimming under 1%)							
Environment	Dimming Curve	Logarithmic							
	Working Temp.	-20℃ ~ +45℃							
	Max. Case Temp.	85℃ (Ta="45℃")							
	Working Humidity	10% ~ 95% RH non-condensing							
	Storage Temp. & Humidity	-40℃ ~ +80℃, 10% ~ 95% RH							

Protection	Short Circuit	Yes, auto recovery after fault removed
	Over Voltage	Yes, auto recovery after fault removed
	Over Temperature	Yes, auto recovery after fault removed
Safety&EMC	Safety Standards	ENEC EN61347-1, EN61347-2-13 approved
	Withstand Voltage	I/P-O/P: 3.75KVAC
	EMC Emission	EN55015, EN61000-3-2, EN61000-3-3
	EMC Immunity	EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV
Others	MTBF	189400H, MIL-HDBK-217F @ 230VAC at full load and 25℃ ambient temperature
	Dimension	170*53.4*28mm (L*W*H)

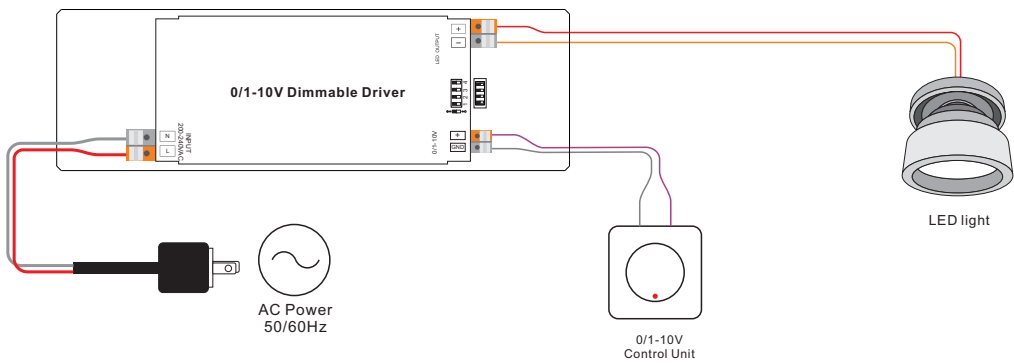
Dips to set the operation current	1 2 3 4								
		1	2	3	4	1	2	3	4
250mA		○	○	○	○	650mA	●	○	○
300mA		○	○	○	●	700mA	●	○	○
350mA		○	○	○	○	750mA	●	○	○
400mA		○	○	○	●	800mA	●	○	○
450mA		○	○	○	○	850mA	●	○	○
500mA		○	○	○	○	900mA	●	○	○
550mA		○	○	○	○	950mA	●	○	○
600mA		○	○	○	○	1000mA	●	○	○

- Dimmable LED driver, dimming range 0.1%-100%
- Max. output power 30W
- 1channel 250-1000mA constant current output
- Dips to set the operation current
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- To control tunable white LED lighting
- Built-in 0/1-10V interface, switch and dimming function integrated.
- Compatible with universal 0/1-10V signal
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty

Safety & Warnings

- DO NOT install with power applied to device.
- DO NOT set operation current with power applied to device.
- DO NOT expose the device to moisture.

Wiring Diagram



Product Dimension

