

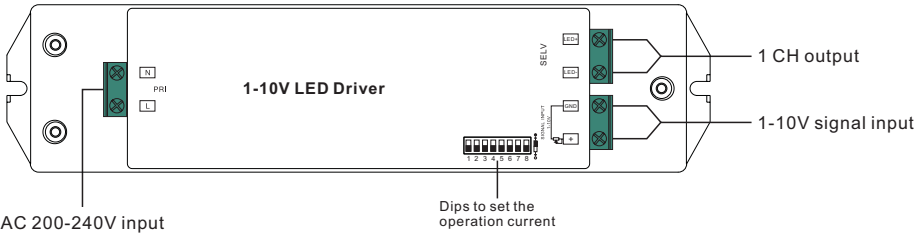
50W 1-10V LED Driver(Constant Current)



09.2007C.04026

Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Output	Selectable Current	250mA	300mA	350mA	400mA	450mA	500mA	600mA	700mA
	DC Voltage Range	15-48V	15-48V	15-48V	15-48V	15-48V	15-48V	15-48V	15-48V
	Selectable Current	800mA	900mA	1000mA	1100mA	1200mA	1300mA	1400mA	1500mA
	DC Voltage Range	15-48V	15-48V	15-48V	15-46V	15-41V	15-38V	15-35V	15-33V
Rated Power		50W							
Input	Voltage Range	200-240V AC							
	Frequency	50/60Hz							
	Power Factor (Typ.)	>0.9							
	Efficiency (Typ.)	87% @ 230VAC							
	Input Current	0.27A @ 230VAC							
Protection	Short Circuit	Yes							
	Over Voltage	Yes							
	Over Load	Yes							
Environment	Working Temp.	-20℃ ~ +45℃							
	Max. Case Temp.	85℃							
	Working Humidity	10% ~ 95% RH non-condensing							
	Storage Temp. & Humidity	-40℃ ~ +80℃, 10% ~ 95% RH							

Safety & EMC	Safety Standards	In compliance with EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-13, EN 62384, EN 61547
Others	MTBF	193.6K hrs min.@ 230VAC at full load and 25℃ ambient temperature
	Dimension	210*50*32mm (L*W*H)

Dips to set the operation current



	1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
250mA	○	○	○	○	●	●	●	●		800mA	○	●	○	○	○	●	●
300mA	○	○	○	○	○	○	○	○		900mA	○	○	○	○	○	○	○
350mA	○	○	○	○	○	○	○	○		1000mA	○	○	○	○	○	○	○
400mA	○	○	○	○	○	○	○	○		1100mA	○	○	○	○	○	○	○
450mA	○	○	○	○	○	○	○	○		1200mA	○	○	○	○	○	○	○
500mA	○	○	○	○	○	○	○	○		1300mA	○	○	○	○	○	○	○
600mA	○	○	○	○	○	○	○	○		1400mA	○	○	○	○	○	○	○
700mA	○	○	○	○	○	○	○	○		1500mA	○	○	○	○	○	○	○

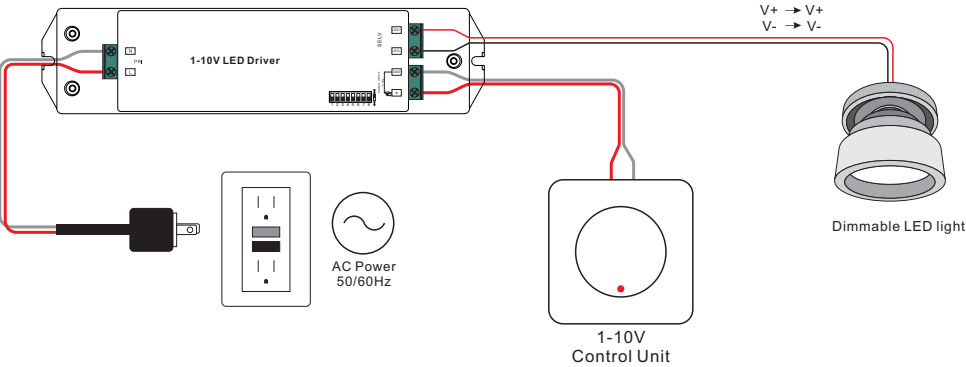
- Dimmable LED driver
- Max. output power 50W
- 1 channel 250-1500mA constant current output
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- To switch and dim single color LED lighting
- Built-in 1-10V interface
- Compatible with universal 1-10V signal
- With 1 channel 1-10V signal input, 1 channel PWM output
- 0-100% dimming range via logarithmic characteristic , perfect for human's vision
- IP20 rating
- Suitable for indoor LED lighting applications
- 0-10V version for chosen
- 3 years warranty

Safety & Warnings

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

Wiring Diagram

Control with 1-10V control unit



Control with push dimmer

