

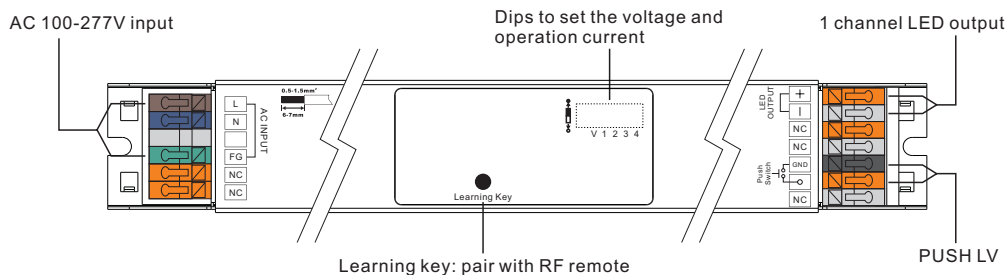
50W RF LED Driver(Constant Current)

70210016



Important: Read All Instructions Prior to Installation

Function introduction



Product Data

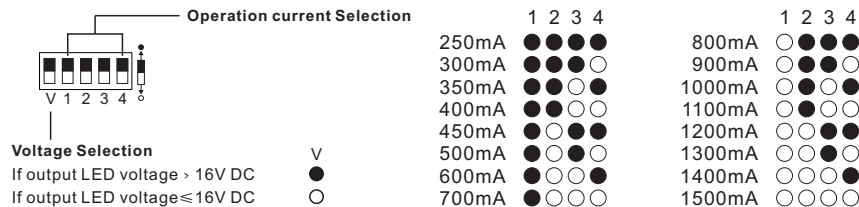
	LED Channel	1							
		Selectable Current	250mA	300mA	350mA	400mA	450mA	500mA	600mA
DC Voltage Range	6-48V	6-48V	6-48V	6-48V	6-48V	6-48V	6-48V	6-48V	
Output	Selectable Current	800mA	900mA	1000mA	1100mA	1200mA	1300mA	1400mA	1500mA
	DC Voltage Range	6-48V	6-48V	6-48V	6-45V	6-41V	6-38.5V	6-36V	6-33V
	Current Tolerance	±3%							
	Rated Power	50W max.							
Input	Voltage Range	100-277V AC							
	Frequency Range	50/60Hz							
	Power Factor (Typ.)	> 0.98 @ 100VAC, > 0.95 @ 230VAC							
	Total Harmonic Distortion	THD ≤ 15% (@ full load / 230VAC)							
	Efficiency (Typ.)	86% @ 230VAC full load							
	AC Current (Typ.)	0.6A @ 100VAC, 0.26A @ 230VAC, 0.23A@277VAC							
	Inrush Current (Typ.)	COLD START 2A at 230VAC							
	Leakage Current	< 0.5mA /230VAC							
	Standby Power Consumption	< 0.5W							
	Control	Dimming Interface	RF Wireless/PUSH LV						
Dimming Range		0.1%-100%							
Dimming Method		Pulse Width Modulation							

Protection	Short Circuit	Yes, recovers automatically after fault condition is removed
	Over Voltage	Yes, recovers automatically after fault condition is removed
	Over Temperature	Yes, recovers automatically after fault condition is removed
Environment	Working Temp.	-25°C ~ +45°C
	Max. Case Temp.	85°C
	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40°C ~ +80°C, 10% ~ 95% RH
Safety & EMC	Safety Standards	UL8750, CAN/CSA C22.2 No. 250.13-14, EN61347-1, EN61347-2-13 approved
	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC / 25°C / 70% RH
	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	188700H, MIL-HDBK-217F @ 230VAC at full load and 25°C ambient temperature

Output Current

Select the correct output current before wiring to LED light by DIP Switches .Please make sure the power to the driver is disconnected before selection of the output current.

Dips to set the voltage and operation current

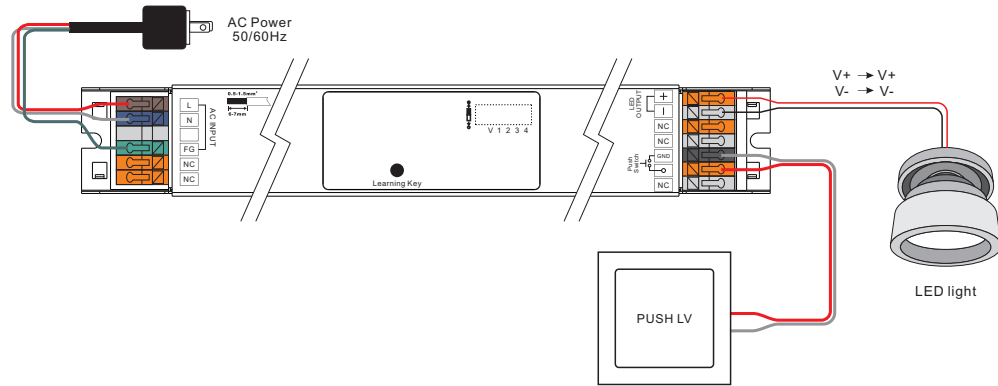


- Ultra slim design for use in linear LED lighting
- 1 channel constant current output
- Output current level selectable from 250mA to 1500mA by DIP switches
- Class II power supply, full isolated metal case
- Built-in active PFC function
- PF > 0.95, Efficiency > 86%
- Low standby power < 0.5W
- Built-in RF wireless/PUSH LV dimming interface, radio frequency: 868/869.5/916.5/434mhz
- Compliant with Safety Extra Low Voltage standard
- Short circuit, over load, over temperature protection
- Can be compatible with a variety of RF remote controls
- Can be WiFi controlled via APP installed on IOS and Android systems
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty

Safety & Warnings

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

Wiring Diagram



Pair/delete the pairing with RF remote

1. Do wiring according to connection diagram.
2. Pair RF Receiver with RF remote: please refer to the instruction of the remote that you would like to pair with.
3. Delete the pairing:

- (1) Wire up the RF receiver correctly, power on.
- (2) Press and hold down the “**Learning Key**” button on receiver for over 3 seconds until the connected light flashes, which means well deleted.

PUSH DIM:

While connected with PUSH LV, click the button to switch ON/OFF lights. Press and hold down the button to increase/decrease light intensity.

Product Dimension(Unit:mm)

