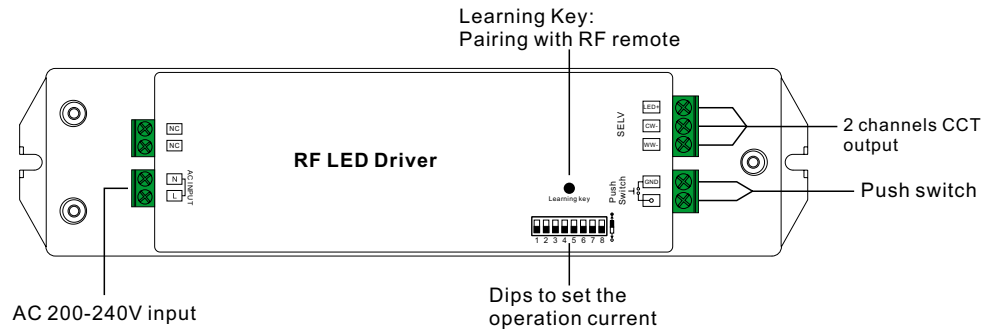


Important: Read All Instructions Prior to Installation

Function introduction



Product Data

Output	Selectable Current	250mA	300mA	350mA	400mA	450mA	500mA	600mA	700mA
	DC Voltage Range	8-48V	8-48V	8-48V	8-48V	8-48V	8-48V	8-48V	8-48V
	Selectable Current	800mA	900mA	1000mA	1100mA	1200mA	1300mA	1400mA	1500mA
	DC Voltage Range	8-48V	8-48V	8-48V	8-46V	8-41V	8-38V	8-35V	8-33V
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 Temperature	Yes							
Environment	Working Temp.	-20°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	EN61347-1, EN61347-2-13
	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	Dimension	210*50*32mm (L*W*H)

Dips to set the operation current



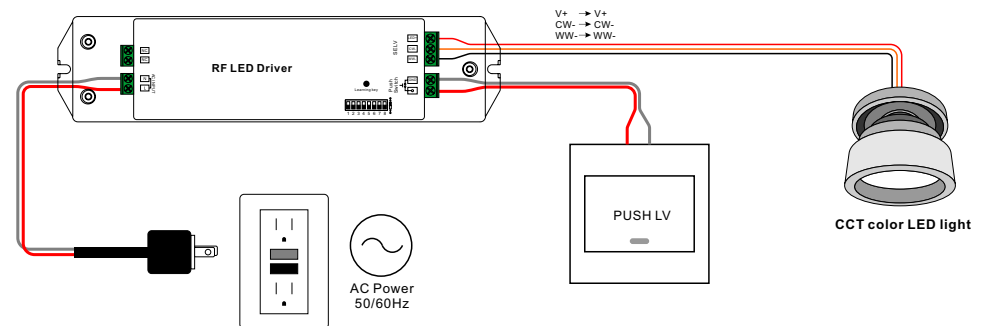
	1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8
250mA	○	●	○	○	●	●	●	○		800mA	○	●	○	○	●	●	○
300mA	○	○	○	○	○	○	○	○		900mA	○	○	○	○	○	○	○
350mA	○	○	○	○	○	○	○	○		1000mA	○	○	○	○	○	○	○
400mA	○	○	○	○	○	○	○	○		1100mA	○	○	○	○	○	○	○
450mA	○	○	○	○	○	○	○	○		1200mA	○	○	○	○	○	○	○
500mA	○	○	○	○	○	○	○	○		1300mA	○	○	○	○	○	○	○
600mA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

- Dimmable LED driver with RF control
- Max. output power 50W total
- 2 channels 250-1500mA constant current output
- Dips to set the operation current
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- To switch and dim single color LED lighting
- Compatible with a variety of CCT color RF remotes
- IP20 rating
- Suitable for indoor LED lighting applications
- Radio Frequency : 868/869.5/916.5/434mhz
- 5 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



Operation

Do wiring according to connection diagram.

Pair to RF sender with learning key:

- 1.Connect and wire up the RF receiver correctly, power on.
- 2.Turn on the remote, click the “Learning Key” button on receiver, immediately click a zone number to pair the receiver to the specified zone if the remote is a multi-zone controller (if it is a single zone remote, this step is unnecessary), then touch the color wheel or slider bar on the remote (if the remote does not have color wheel or slider bar, click or touch any keys), the connected led light on receiver flickers twice, which means well paired.

Note: one receiver can be paired with max 8 remote controls.

Pairing to RF sender without learning key:

- 1.Pairing to RF remotes which have color wheel: power off and power on the receiver → turn on the remote, then click a zone number twice and press and hold it continuously and quickly within 10 seconds → LED light connected with the receiver will flash to indicate successful pairing to the selected zone.
- 2.Pairing to multi-zone RF touch panels which have color wheel: power off and power on the receiver → turn on the panel, then click a zone number three times and press and hold it continuously and quickly within 10 seconds → LED light connected with the receiver will flash to indicate successful pairing to the selected zone.

Note: RF remotes without color wheel, single zone RF touch panels with color wheel, and RF touch panels without color wheel do not have this function.

Delete pairing with learning key :

- 1.Wire up the RF receiver correctly, power on
- 2.Hold down the “ Learning Key” button on receiver for over 3 seconds until the connected led light on receiver flickers twice, which means well deleted.

Delete pairing without learning key and RF senders:

Power off and power on the receiver for 5 times continuously, the connected LED light will flash to indicate all pairing information is deleted successfully.

Delete pairing via RF sender without learning key:

- 1.Delete pairing of RF remotes that have color wheel: while the receiver has already paired to a remote that has color wheel, power off and power on the receiver → press and hold down all ON/OFF button on the remote until LED light connected with the receiver flashes → the pairing is deleted successfully
- 2.Delete pairing of single zone RF touch panels that have color wheel : while the receiver has already paired to a touch panel that has color wheel, power off and power on the receiver → press and hold down all ON/OFF button on the touch panel until LED light connected with the receiver flashes → the pairing is deleted successfully.

Note: RF remotes without color wheel, multi-zone RF touch panels with color wheel, and RF wall panels without color wheel do not have this function.

How to stop running mode of single color LED light caused by RGBW sender interference:

- 1.When pairing single color LED light to a single color remote, it might be interfered and paired by nearby RGBW senders, which might control the single color light into running mode. The running mode can not be stopped by the paired single color remote or by delete pairing.
- 2.Then we need a remote or wall panel that has color wheel, and pair the remote or wall panel to the receiver via above mentioned pairing method 2 (Pairing to RF sender without learning key), then touch the color wheel to stop the running mode.
- 3.Then delete pairing and pair the receiver to the single color remote again, it can be controlled by the remote again.

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.

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