

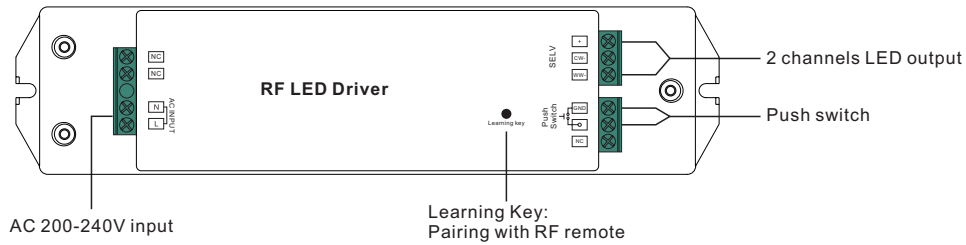
# 50W RF LED Driver(Constant voltage)

70210035



**Important:** Read All Instructions Prior to Installation

## Function introduction



## Product Data

| Output      | DC Voltage               | 12V DC                                 | 24V DC       |
|-------------|--------------------------|--|--------------|
|             | Max. Current             | 4.16A/ch max., ch1+ch2=4.16A           |              |
|             | Rated Power              | max. 50W                               |              |
| Input       | Voltage Range            | 200-240V AC                            |              |
|             | Frequency                | 50/60Hz                                |              |
|             | Power Factor (Typ.)      | > 0.9                                  |              |
|             | Efficiency (Typ.)        | 85% @ 230VAC                           | 88% @ 230VAC |
|             | Input Current (Typ.)     | 0.27A @ 230VAC                         |              |
|             | Inrush Current (Typ.)    | COLD START Max. 2A at 230VAC           |              |
| Protection  | Over Current             | Yes, auto recovery after fault removed |              |
|             | Over Temperature         | Yes, auto recovery after fault removed |              |
| 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         | ENEC EN61347-1, EN61347-2-13 approved  |              |
|             | Withstand Voltage        | I/P-O/P: 3.75KVAC                      |              |

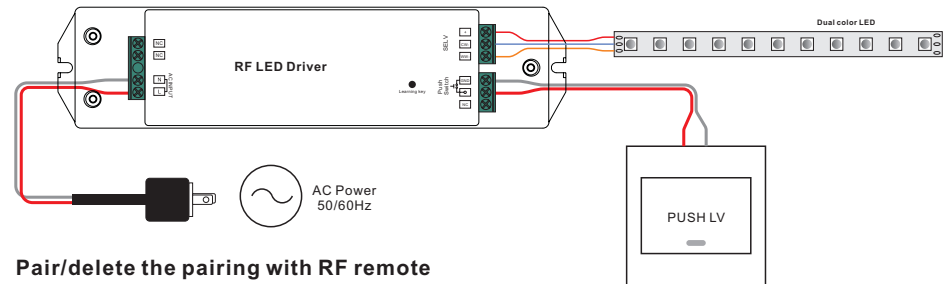
|        |              |   |
|--------|--------------|---|
|        | EMC Emission | EN55015, EN61000-3-2, EN61000-3-3   |
|        | EMC Immunity | EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV           |
| Others | MTBF         | 190500H, MIL-HDBK-217F @ 230VAC at full load and 25°C ambient temperature |
|        | Dimension    | 210*50*32mm (L*W*H)   |

- Dimmable LED driver with RF control
- Max. output power 50W, dimming range 0.1%-100%
- 2 channels 12/24V DC constant voltage output
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- To switch and dim dual color LED lighting
- Compatible with a variety of single 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 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

