

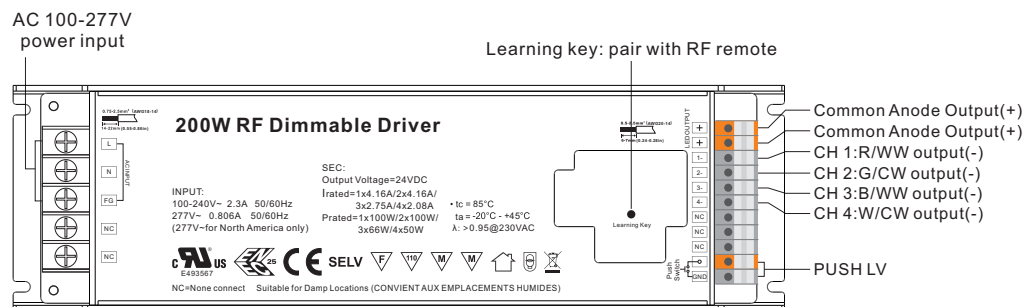
# 200W RF LED Driver(Constant Voltage)

09.200RFCV.04028



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

## Function introduction



## Product Data

|         |                           |   |                                       |
|---------|---------------------------|---|---------------------------------------|
| Output  | LED Channel               | 4                                       |                                       |
|         | DC Voltage                | 12V DC                                  | 24V DC                                |
|         | Max. Current              | Max. 8.3A/ch,<br>ch1+ch2+ch3+ch4=16.6A  | Max. 4.1A/ch,<br>ch1+ch2+ch3+ch4=8.4A |
|         | Voltage Tolerance         | ± 1%                                    |                                       |
|         | Rated Power               | max. 200W                               |                                       |
| Input   | Voltage Range             | 100-277V AC                             |                                       |
|         | Frequency Range           | 50/60Hz                                 |                                       |
|         | Power Factor (Typ.)       | > 0.98 @ 230VAC                         |                                       |
|         | Total Harmonic Distortion | THD ≤ 15% (@ full load / 230VAC)        |                                       |
|         | Efficiency (Typ.)         | 93% @ 230VAC full load                  |                                       |
|         | AC Current (Typ.)         | 2.3A @ 100VAC, 1A @ 230VAC, 0.9A@277VAC |                                       |
|         | Inrush Current (Typ.)     | COLD START Max. 65A at 230VAC           |                                       |
|         | Leakage Current           | < 0.5mA /230VAC                         |                                       |
| Control | Standby Power Consumption | < 1W                                    |                                       |
|         | Dimming Interface         | RF Wireless/PUSH LV                     |                                       |
|         | Dimming Range             | 0%-100%                                 |                                       |
|         | Dimming Method            | Pulse Width Modulation                  |                                       |

|              |                          |   |
|--------------|--------------------------|---|
| Protection   | Short Circuit            | Yes, recovers automatically after fault condition is removed          |
|              | Over Current             | Yes, recovers automatically after fault condition is removed          |
|              | Over Temperature         | Yes, recovers automatically after fault condition is 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         | 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                     | 193.6K hrs min. @ 230VAC full load and 25°C ambient temperature       |

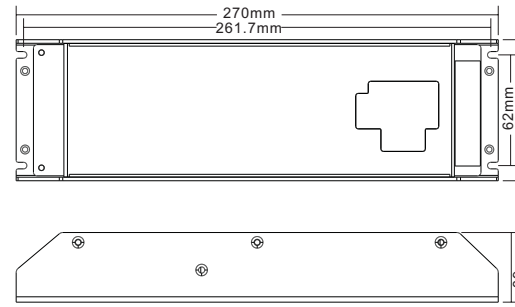
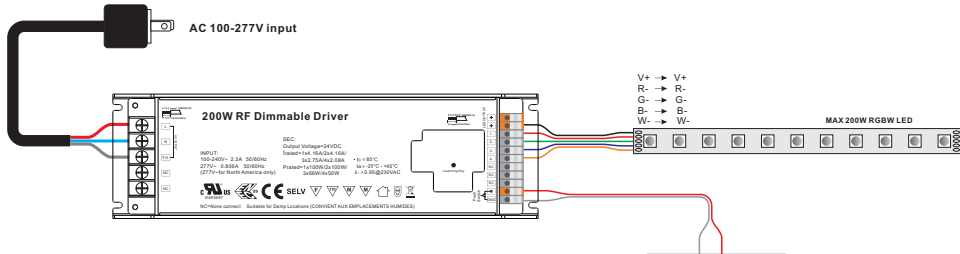
- Rectangle shape with metal case
- 4 channels 12/24VDC constant voltage output
- Class 1 power supply, full isolated metal case
- Built-in two-stage active PFC function
- PF > 0.98, Efficiency > 93%
- Low standby power < 1W
- Built-in RF wireless/PUSH LV dimming interface, radio frequency: 868/869.5/916.5/434mhz
- 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

### Pair/delete the pairing with RF remote

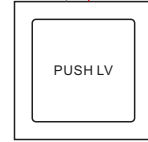
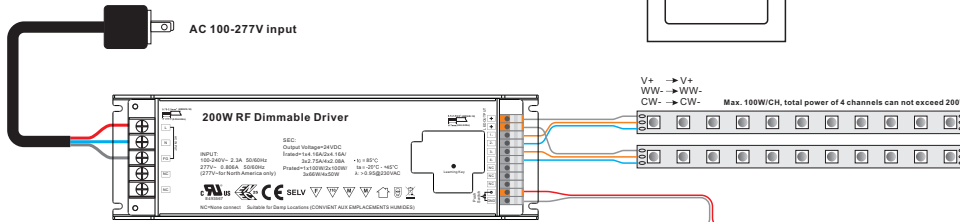
1. Do wiring according to connection diagram.
2. Pair RF Receiver with RF remote: please refer to the instruction of the remote that you would like to pair with.
3. Delete the pairing:
  - (1) Wire up the RF receiver correctly, power on.
  - (2) Press and hold down the " **Learning Key** " button on receiver for over 3 seconds until the connected light flashes, which means well deleted.

## Wiring diagram

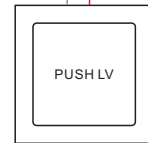
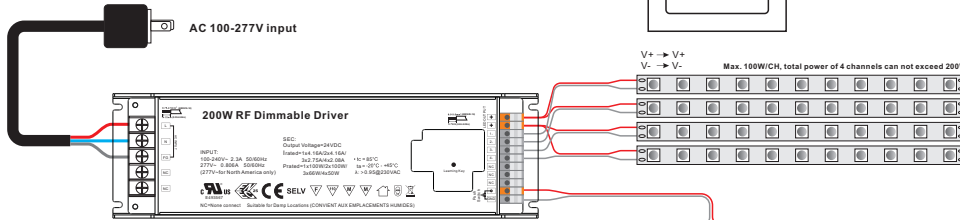
### 1.If Connect with RGBW LED Strip



### 2.If Connect with Dual Color LED Strip

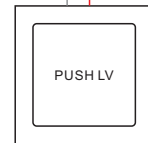


### 3.If Connect with Single Color LED Strip



### 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

