

75W RF LED Driver



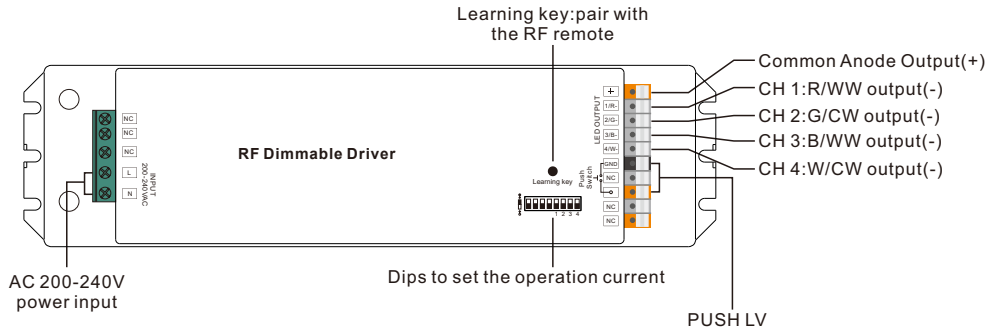
CCDRV75RF



collingwood

Important: Read All Instructions Prior to Installation

Function introduction

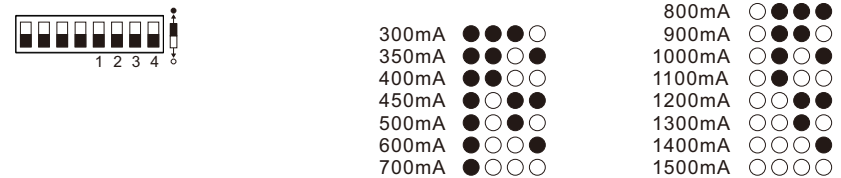


Product Data

Output	LED Channel	4							
	Selectable Current	300mA	350mA	400mA	450mA	500mA	600mA	700mA	800mA
	DC Voltage Range	8-43V	8-43V	8-43V	8-43V	8-43V	8-43V	8-43V	8-43V
	Selectable Current	900mA	1000mA	1100mA	1200mA	1300mA	1400mA	1500mA	
	DC Voltage Range	8-43V	8-43V	8-43V	8-43V	8-43V	8-43V	8-43V	
	Current Tolerance	±3%							
	Rated Power	Max. 64W/CH, CH1+CH2+CH3+CH4 ≤ 75W							
Input	Voltage Range	200-240V AC							
	Frequency Range	50/60Hz							
	Power Factor (Typ.)	> 0.9 @ 230VAC							
	Total Harmonic Distortion	THD ≤ 15% (@ full load / 230VAC)							
	Efficiency (Typ.)	87% @ 230VAC full load							
	AC Current (Typ.)	400mA @ 230VAC							
	Inrush Current (Typ.)	COLD START Max. 2A @ 230VAC							
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.	80°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
	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	187900H, MIL-HDBK-217F @ 230VAC at full load and 25°C ambient temperature
	Dimension	244*64*32mm (L*W*H)

Dips to set the operation current

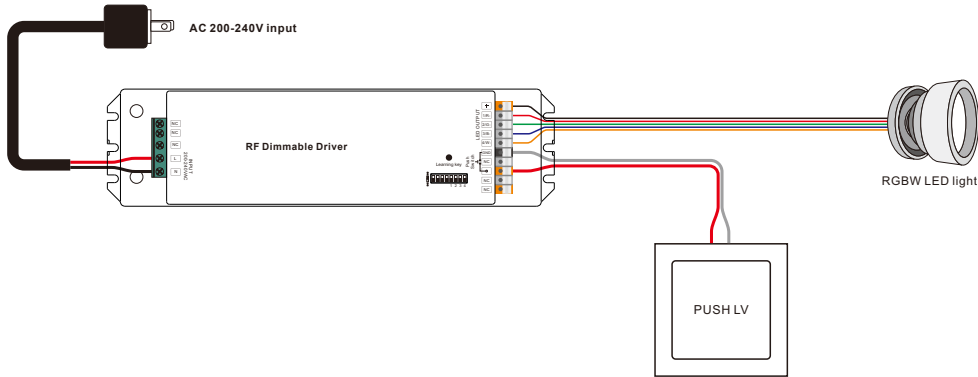


- Dimmable LED driver with RF control
- Max. output power 75W total
- 4 channels constant current output
- 300mA-1500mA output current optional
- Dips to set the operation current
- Class II power supply, full isolated plastic case
- High power factor and efficiency
- To control single color, dual color, RGB/RGBW LED lighting
- Compatible with a variety of 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



Note: When paired to a single color RF remote and 4 PWM output channels are wired to LED loads simultaneously, please make sure the operation current of the LED loads does not exceed 1100mA.

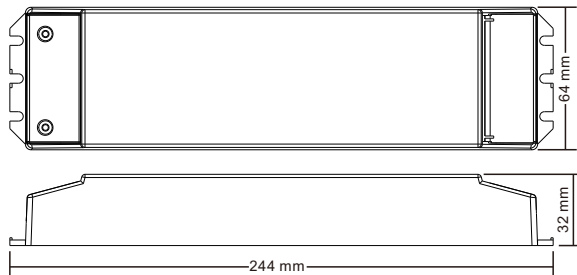
Pair/delete the pairing with RF remote

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.

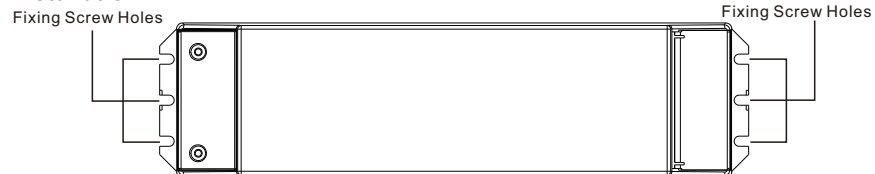
PUSH DIM:

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



Installation



Note: when mounting the driver, please choose any one of the three fixing screw holes to fix with a screw at each end.