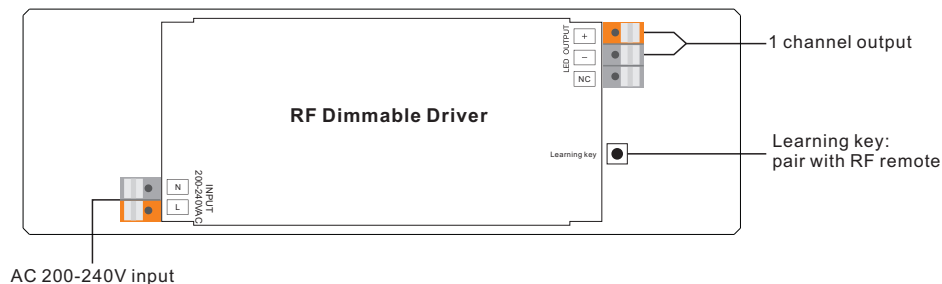# Wireless 30W RF LED driver 24 DCV
(VaLO-Driver-24V-30W)

Important: Read All Instructions Prior to Installation

Function introduction

- 1 channel output
- Learning key: pair with RF remote
- AC 200-240V input

Product Data

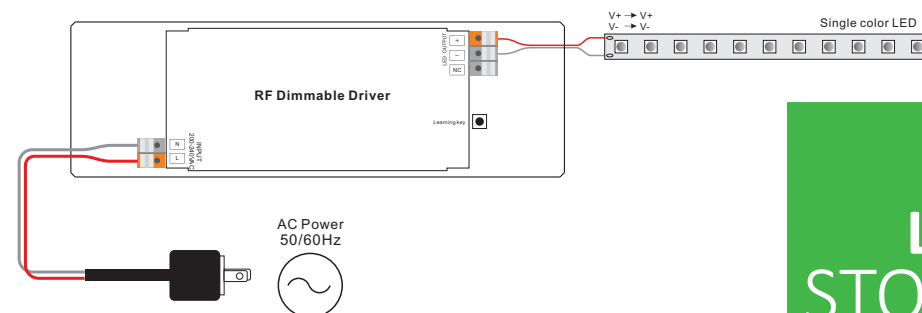|		
Output	LED Channel	1
	DC Voltage	24VDC
	Max. Current	Max. 1.25A
	Voltage Tolerance	±1%
	Rated Power	Max. 30W
Input	Voltage Range	200 ~ 240VAC
	Frequency Range	50/60Hz
	Power Factor (Typ.)	> 0.9 @ 230VAC
	Total Harmonic Distortion	THD ≤ 15% (@ full load / 230VAC)
	Efficiency (Typ.)	86% @ 230VAC full load
	AC Current (Typ.)	160mA @ 230VAC
	Inrush Current (Typ.)	COLD START Max. 2A at 230VAC
	Leakage Current	< 0.5mA /230VAC
Control	Dimming Interface	RF Wireless
	Dimming Range	0%-100%
	Dimming Method	Pulse Width Modulation
Protection	Over Current	Yes, recovers automatically after fault condition is removed
	Over Temperature	Yes, recovers automatically after fault condition is removed

Environment	Working Temp.	-20℃ ~ +45℃
	Max. Case Temp.	85℃ (Ta = "45℃")
	Working Humidity	10% ~ 95% RH non-condensing
	Storage Temp. & Humidity	-40℃ ~ +80℃, 10% ~ 95% RH
Safety & EMC	Safety Standards	EN61347-1, EN61347-2-13
	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC / 25℃ / 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	193600H, MIL-HDBK-217F @ 230VAC full load and 25℃ ambient temperature
	Dimension	170*53.4*28mm (L*W*H)

- 1 channel 24VDC constant voltage output
- Class Ⅱ power supply, full isolated plastic case
- Built-in active PFC function
- PF > 0.95, Efficiency > 86%
- Built-in RF wireless dimming interface
- Compliant with Safety Extra Low Voltage standard
- 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
- Radio Frequency : 868/869.5/915/916.5/434mhz
- IP20 rating, suitable for indoor LED lighting applications
- 5 years warranty

Safety & Warnings

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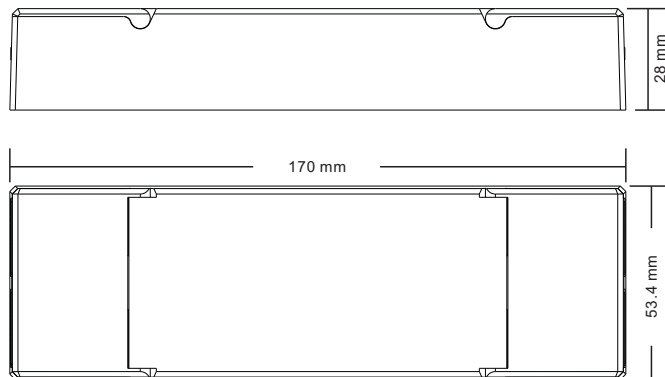- DO NOT expose the device to moisture.

Wiring Diagram

Single color LED

AC Power 50/60Hz

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.

Product Dimension

28 mm

170 mm

53.4 mm

VaLO **Wireless 30W RF LED driver 24 DCV**
(VaLO-Driver-24V-30W)

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