



Wireless

data sheet

## RLED30CV4

WIRELESS FOUR CHANNEL, 30W/CHANNEL (RGB + WHITE) CONSTANT VOLTAGE LED DIMMER.



### WHAT IS IT ?

A compact 4 channel 30W per channel, constant voltage LED dimmer with in-built RF receiver and Rako processor for control of 4 channel constant voltage LED fittings.

When used with RGBW fittings each colour is allocated a channel and can be individually adjusted allowing complete colour mixing. Simple colour cycling is started/stopped using the raise/lower buttons in a Rako wallpanel or hand held remote.

Controlled from any Rako Rakom device, e.g. RCP/RCM wall plates or Bridge interface units.

The RLED30-CV4 is a wireless 4 channel, 30w/channel (RGB+White) constant voltage dimming LED driver, suitable for ceiling or cupboard mounting



### IN CONTROL

Designed for use with 3 or 4 channel constant voltage LED fittings and 3 or 4 channel LED tape light with common +ve and individual -ve connections. Maximum wattage of 120w when used as 4 channel or 90w with 3 channel for 12V d.c. fittings or 240w (60w per channel) for 24V d.c. fittings.

Requires a suitable external d.c. power supply (normally the power supply that would be supplied with the fitting for a non-dimming application).

Programmed using either an RCM/RCP RF wallplate or the RASOFT PC software suite, the unit stores the house, room and channel address plus 16 preset scene levels in non volatile memory.

The RLED30CV4 dimmer can be controlled from any Rako transmitter such as RCM/RCP wallplates, RAH handhelds and Bridge modules and forms the foundation of any Rako scene-set system. For more information on dimming LEDs refer to Rako's application sheet 'Controlling LED Lighting With Rako Dimmers and Modules'.



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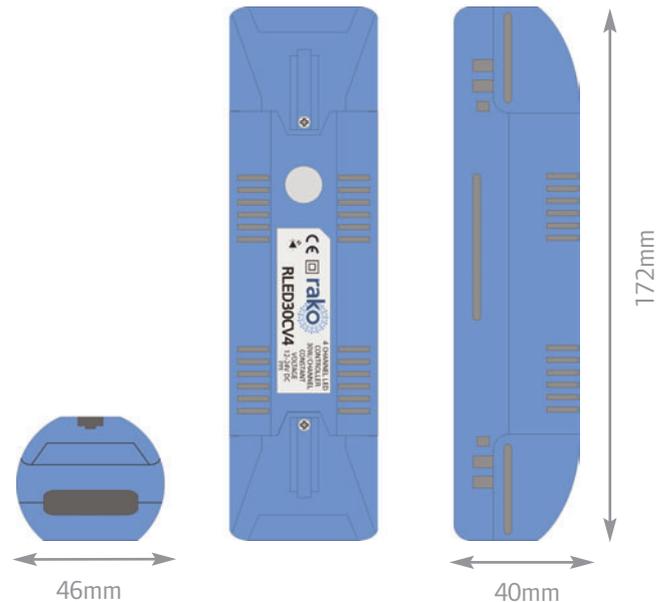
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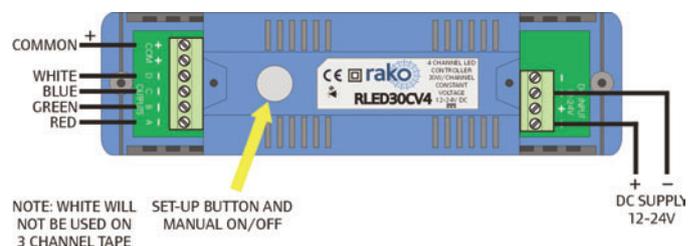
## technical data

dimensions	172x46x40mm
input supply	12 or 24v DC
weight	142g
housing	UL V0 ABS
climate range	Temperature +2C to +40C Humidity +5% to 95% non condensin
connections	2 way screw terminals for 12-24v d.c. supply. 6 way screw terminals for load
protection	Reverse polarity input protection. Output current limit protection.
load types	4 channel constant voltage LED fittings and tapelight.
minimum load	1w
maximum load	12v DC 3 channel @90w 12v DC 4 channel @120w 24v DC 3 channel @180w 24v DC 4 channel @240w
terminal sizes	4mm <sup>2</sup>
standards	Emissions - EN61000-6-3 : 2001 Immunity - EN61000-6-1 : 2001
communication	Rakom coded fm radio, 433.9MHz
memory	Flash memory (non volatile)

## mechanical data



## wiring schematic



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