



Wired

data sheet

## WLED150CV1



WIRED 150W CONSTANT VOLTAGE LED DIMMER.

### WHAT IS IT?

The WLED150CV1 is a constant-voltage LED dimming module for use on a Rako wired network.

The integrated wired capabilities of the WLED150CV1 allow for control from any Rako wired switch, such as:

- WCM
- WK-MOD
- WK-EOS
- WK-PIR

Installation of a WK-HUB enables the WLED150-CV1 to be controlled by wireless switching devices.

The WLED150CV1 is a wired 150w constant voltage dimming LED driver, suitable for ceiling or cupboard mounting



Designed for use with single-channel constant-voltage LED fittings and single-channel LED tape lights.

Maximum wattage of 150W for 12VDC fittings or 300W for 24VDC fittings. Requires a suitable external DC power supply (normally the power supply that would be supplied with the fitting for a non-dimming application).

Programmed using the RASOFT PC software suite, the WLED150CV1 unit stores the house, room, and channel address plus 16 preset scene levels in non-volatile memory.

Connection to the Rako wired network can be via the RJ11 lead, plugging into a RAK-LINK or RAK-STAR unit. Alternatively, a WPCON or WK-CONNECT unit can be used as a remote plug-in connection point.

Installing a WK-HUB as part of the wired system will allow the WLED150CV1 to receive commands from wireless devices as part of a "combined" or "hybrid" system.

For more information on dimming LEDs, refer to Rako's application sheet, 'Controlling LED Lighting With Rako Dimmers and Modules'

For more information on the Rako Wired System:

[Rako Overview Application Sheet](#)

[Wired RAK Application Sheet](#)



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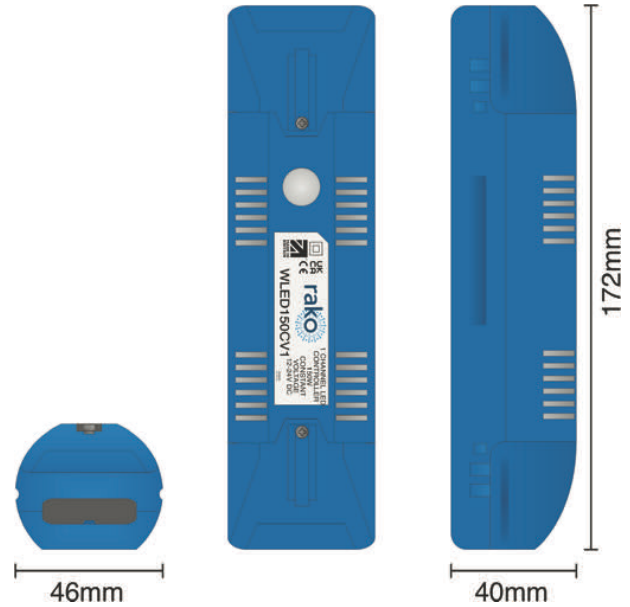


WIRED 150W CONSTANT VOLTAGE LED DIMMER.

## technical data

dimensions	172x46x40mm
input supply	12V/24V DC power supply for tape output 12-18V DC supply from Rako wired network for control
weight	175g
fuse	20A Blade Fuse
housing	UL V0 material
climate range	Temperature +2C to +40C Humidity +5% to 90% non condensing
connections	2 way screw terminals for 12-24v DC supply. 2 way screw terminals for load connections
protection	Reverse polarity input protection. Output current limit protection.
load types	Single channel constant voltage LED fittings and tape
minimum & maximum loads	Min: 1W Max: 150W @ 12V DC 300W @ 24V DC
terminal sizes	4mm <sup>2</sup>
standards	RoHS CE Emissions - EN61000-6-3 : 2007 Immunity - EN61000-6-1 : 2007
communication	Wired network CAN
memory	Flash memory non volatile

## mechanical data



## connection details



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