Wired

data sheet
WLED75CV1

WIRED 75W CONSTANT VOLTAGE LED DIMMER.

WHAT IS IT?

A compact single channel 75W constant voltage LED dimmer with in-built wired receiver and Rako processor for control of single channel constant voltage LED fittings.

Controlled from any Rako Wired device, e.g. WCM, WAPIR or from wireless devices via a WA/WTC-Bridge or a WRB100.

The WLED75CV1 is a wired 75W 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 light.

Maximum wattage of 75W for 12V d.c. fittings or 150w 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 the RASOFT PC software suite, the unit stores the house, room and channel address plus 16 preset scene levels in non volatile memory.

Connection to the Rakom wired network can be via the RJ11 lead, plugging into a RAKLink or RAKStar unit. Alternatively a WPCON or WPCONC unit can be used as a remote plug in connection point.

Installing a Bridge or WRB100 as part of the wired system will allow the WLED75CV1 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'.
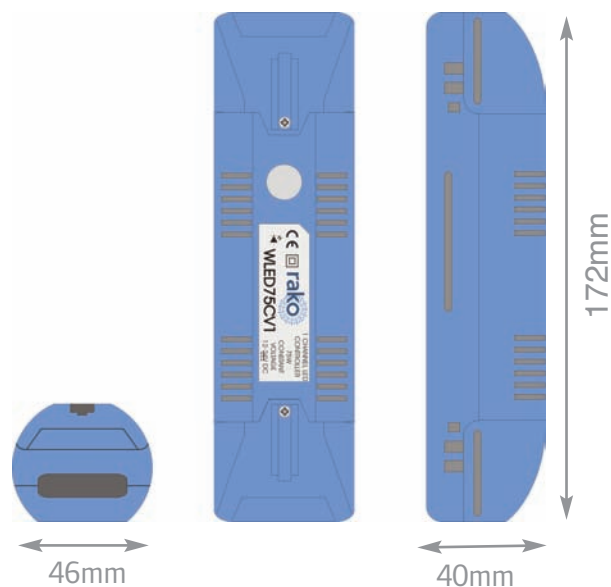
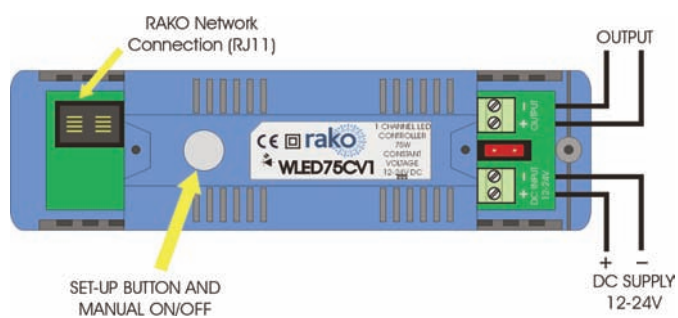# data sheet
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technical data

dimensions	172x46x40mm
input supply	12V/24V DC power supply depending on load 12-18V DC supply from Rako wired network for control
housing	UL V0 ABS
weight	175g
climate range	Temperature +2C to +40C Humidity +5% - 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
min/max loads	Min: 1W Max: 75W @ 12V DC 150W @ 24V DC
terminal sizes	4 mm2
standards	Emissions - EN61000-6-3 : 2007 Immunity - EN61000-6-1 : 2007
communication	Rakom wired network
memory	Flash memory (non volatile)

mechanical data

172mm

46mm

40mm

connection details

RAKO Network Connection (RJ11)

OUTPUT

SET-UP BUTTON AND MANUAL ON/OFF

DC SUPPLY 12-24V