

Wireless  
data sheet



# RLED20+CC4

WIRELESS FOUR CHANNEL (RGBW) 20W/CHANNEL CONSTANT CURRENT LED DRIVER.

### WHAT IS IT ?

A compact 4 channel 20W/channel constant current LED driver with in-built wireless receiver. For control of 3 channel constant current LED fittings with selectable outputs of 350, 500, 600 and 700mA.

When used with 4 colour fittings each colour is allocated a channel and can be individually adjusted allowing complete colour mixing. Simple colour cycling is started/stopped using the fade up/fade down commands.

Controlled from any Rako wireless device, for example the RCM/RNC push button wireless wall-plates.

The RLED20+CC4 is a wireless (RGBW) 20W/channel constant current dimming LED driver, suitable for ceiling or cupboard mounting.



Designed for use with 4 channel constant current LED fittings.

Maximum wattage of 20W with a forward voltage range of 3-45V (equates to 13 x 1W LEDs per channel). Requires a suitable external d.c. power supply such as the Rako RAPSU48. Selectable current ratings of 350, 500, and 700mA via jumper connectors.

350mA	500mA	700mA
13	11	9

Table shows max no. LEDs per channel (estimated).

Manual On/Off control is available using the set-up button for testing without the module needing to be addressed.

Programmed using either an RCM wall-plate or Rasoft Pro software. The RLED20+CC4 stores the House, Room and Channel address plus 16 preset Scene levels in a non-volatile memory.

The RLED20+CC4 can be controlled from any Rako transmitter such as RCM/RNC keypads, RA/RTC Bridges and RAPIRs. The module can be controlled by a wired system via a WK-HUB.

For more information:

Rako Overview Application Sheet

Wireless Module Application Sheet



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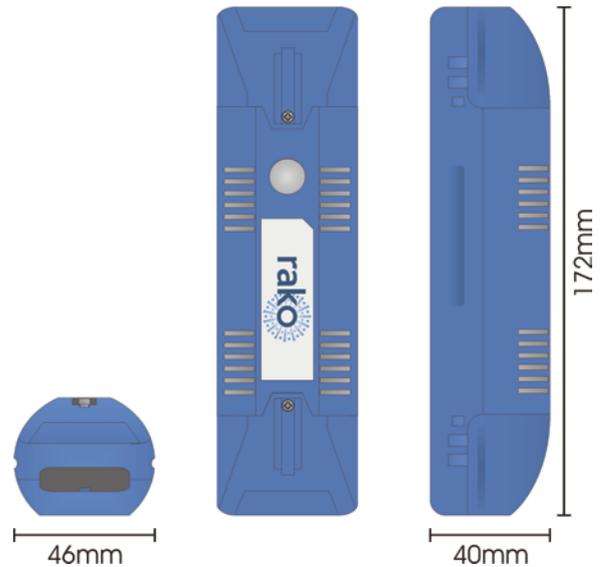
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## technical data

dimensions	172x46x40mm
input supply	48V DC max
weight	178g
housing	UL V0 ABS
climate range	Temperature +2C to +40C Humidity +5% to 95% non condensing
connections	2 way terminals for d.c. supply 8 way screw terminals for load connections.
protection	Reverse polarity input protection.
load types	4 Channel Constant Current LED Fittings
minimum load	3w
maximum load	20w/channel
terminal sizes	4mm <sup>2</sup>
standards	Emissions - EN61000-6-3 : 2007 Immunity - EN61000-6-1 : 2007
communication	Rakom coded fm radio, 433.9MHz
memory	Flash memory (non volatile)

## mechanical data



## wiring schematic



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