



Wireless

data sheet

RDA800

1-10V FLUORESCENT DIMMER



WHAT IS IT ?

A compact 800VA wireless dimmer for 1-10V, DLI and DSI controllable loads.

Connected in-line before the first lighting fitting the RDA800 enables switching of up to 800VA of 0-10V, DLI and DSI controllable loads such as LED drivers and dimmable fluorescent ballasts.

Controlled from any Rako Rakom RF device, for example the RCM/RNC, RK-EOS or RK-MOD push button keypads or Hub interface units.

The RDA800 in-line RF dimmer for 1-10v, DLI and DSI controllable loads



ANALOGUE AND DIGITAL CONTROL SIGNALS

Designed to fit in a ceiling void or cupboard, the RDA800 module can control up to 800VA of 0-10V, DLI and DSI controllable lighting loads. Control signal output mode (0-10V, DLI or DSI) is user selectable via a connecting link. There is also a switched mains output operating in tandem with the control signal.

For installation, the RDA800 has rising clamp terminals and mounting bracket for easy installation. 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 RDA800 stores the House, Room and Channel address plus 16 preset Scene levels in a non-volatile memory.

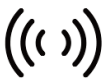
The RDA800 can be controlled from any Rako transmitter such as RCM, RNC, RK-EOS or RK-MOD keypads, RK-HUB, and RK-PIR‡. It can also be controlled from a wired network via a WK-HUB

For more information:

[Rako Overview Application Sheet](#)

[Wireless Module Application Sheet](#)

‡Requires a RK-HUB or WK-HUB



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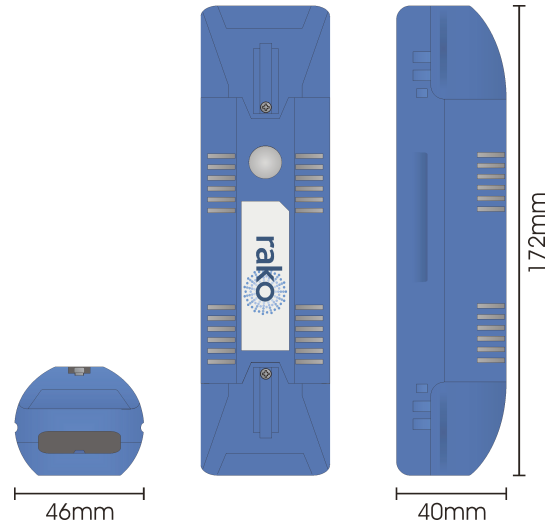
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technical data

dimensions	172x46x40mm
input supply	230V AC +/-10% 50Hz
weight	255g
fuse	5A 20mm Fuse
housing	UL V0 material
climate range	Temperature +2C to +40C Humidity +5% to 95% non condensing
connections	2 x 3-way screw terminals for mains supply and switched output 2-way screw terminals for signal output
protection	Over current protection Voltage surge protection
load types	Selectable 0-10V Controllable loads DLI Controllable loads DSI Controllable loads
minimum load	N/A
maximum load	Mains Switching - 800VA Control output - max 25 devices
terminal sizes	4mm ²
standards	RoHS CE Emissions - EN61000-6-3 : 2007 Immunity - EN61000-6-1 : 2007
communication	Rakom coded fm radio, 433.9MHz
memory	Flash memory (non volatile)

mechanical data



connection details



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