



Wireless

data sheet

## RDA800

1-10V FLUORESCENT DIMMER



### WHAT IS IT ?

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

Connected in-line before the first lighting fitting the RMS800 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 push button RF wall-plates.

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



### ANALOGUE CONTROL

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. The unit can also be used for exterior lighting control applications, with the use of a weatherproof IP rated enclosure.

16 Scene memory capacity, can be fully integrated into Rako wired systems.

Easy set-up and manual On/Off control using the set-up button.

Full rising clamp terminals and mounting bracket for easy installation.

Programmed using either an RCM/RNC RF wall-plate or RASOFT PC software suite, 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 wallplates, hand-helds and Bridge modules and forms the foundation of any Rako wireless scene-set system.



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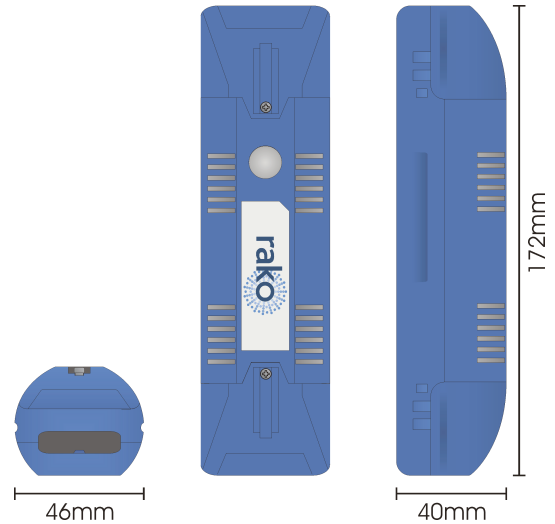
1-10V FLUORESCENT DIMMER



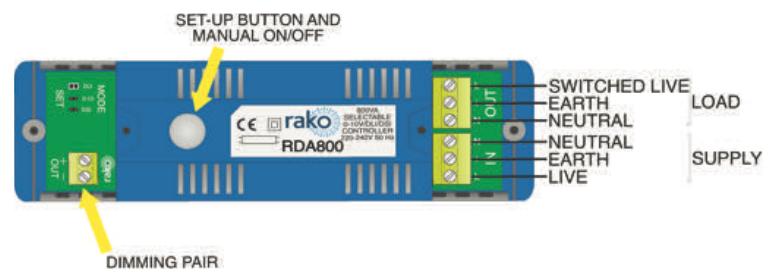
technical data

dimensions	172x46x40mm
input supply	230V AC +/-10% 50Hz
weight	220g
housing	UL V0 material
climate range	Temperature +2C to +40C Humidity +5% to 95% non condensing
connections	3 way screw terminals for mains power 2 way screw terminals for ELV 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	240V Switching 800VA Control output - max 25 devices
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



connection details



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