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rako

WHAT IS IT ?

A compact 500w RF dimmer designed to fit through the aperture of a standard low voltage downlight fitting.

The dimmer is connected in-line before the first light fitting, to enable dimming of up to 500w of leading edge dimmable loads.

Controlled from any Rako wireless device, for example the RCM/RNC, RK-EOS or RK-MOD push button keypads.

The RML500 in-line RF dimmer for Tungsten, Low Voltage Halogen and other leading edge dimmable loads.

IN CONTROL

Designed to fit in a ceiling void or cupboard, the RML500 inductive dimmer can control up to 500W of leading-edge dimmable lighting loads.

With protection features such as field-replaceable fuse, over-temperature and voltage surge protection.

Programmed using either an RCM wall plate or Rasoft Pro programming software. The RML500 stores the House, Room and Channel address plus 16 preset Scene levels in a non-volatile memory.

The RML500 dimmer 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
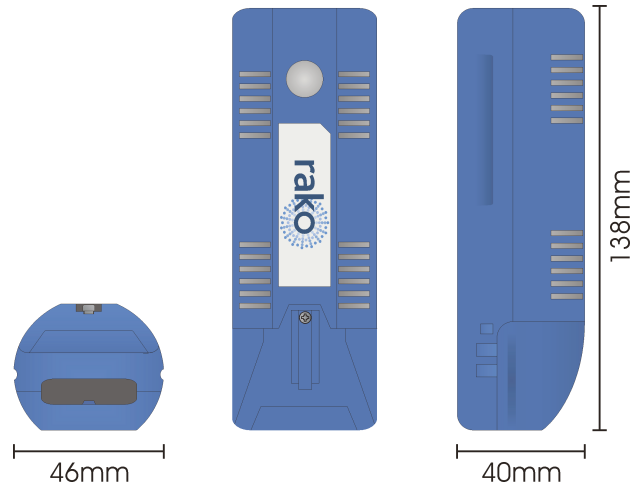
Wireless
data sheet
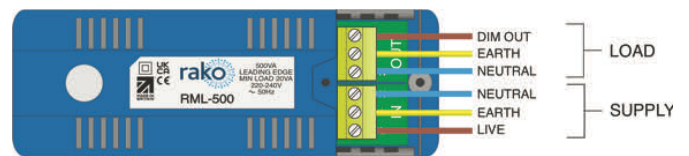# RML500
500W LEADING EDGE DIMMER

technical data

dimensions	138x46x40mm
input supply	230V AC +/-10% 50Hz
weight	125g
fuse	5A 20mm Fuse
housing	UL V0 material
climate range	Temperature +2C to +40C Humidity +5% to 95% non condensing
connections	Two 3way screw terminals for mains supply and load
protection	Replaceable fuse protection Auto thermal shutdown Voltage surge protection
load types	Incandescent mains voltage lamps, Leading edge dimmable transformers Leading edge dimmable cold cathode
minimum load	20w
maximum load	500VA Refer to Rako when dimming LEDs
terminal sizes	4mm2
standards	Emissions - EN61000-6-3 : 2001 Immunity - EN61000-6-1 : 2001 RoHS CE
communication	Rakom coded fm radio, 433.9MHz
memory	Flash memory (non volatile)

mechanical data

138mm

46mm

40mm

connection details

DIM OUT — LOAD
EARTH
NEUTRAL
NEUTRAL — SUPPLY
EARTH
LIVE

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V1.1.0