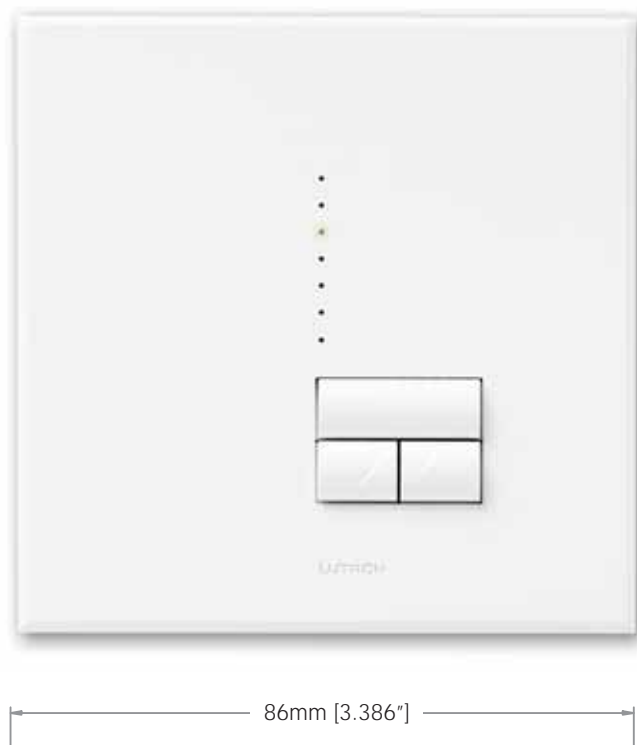


Lutron® | Rania™ digital dimmer



Specifications

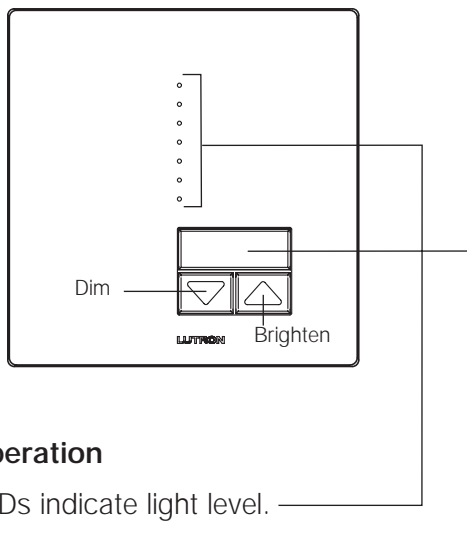
- 220 - 240 VAC, 50/60 Hz
- Max. capacity 450W/VA, min. wattage 40W (230V loads), 50W (12V loads)
- CE approved
- Universal dimmer available with leading and trailing edge capability
- Auto-reset thermal overload protection
- Auto-reset short-circuit and over-current protection
- Lightning strike surge protection (6kV, 200A)
- 10-year power-failure memory
- Voltage regulation
- 35mm UK back box
- Precise colour consistency

Special features

- Green LEDs indicate light level
- Lights softly fade to on/off
- Auto load-sensing capability
- Acoustically quiet operation
- Dim your light from up to 10 locations (requires accessory dimmers)
- Double-tap to full on
- Memorises last light level
- Replaces a standard switch
- Full family of products for all modern lighting sources
- Family includes wiring accessories

Lutron® | Rania™ digital dimmer

Rania dimmer



Operation

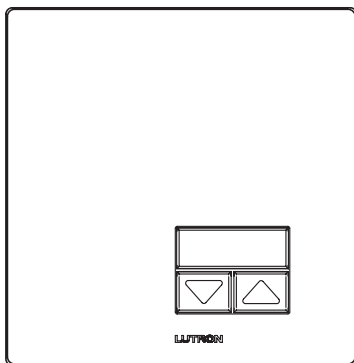
LEDs indicate light level.

On/Off tapswitch: Fades lights on or off.

TURN ON: Tap once (lights fade to the preset level), tap twice (lights turn on to full brightness).

TURN OFF: Tap once (lights fade-to-off), press and hold (for delayed fade-to-off).

Rania accessory dimmer



Multi-location dimming

For use with multi-location dimming only – use up to nine accessory dimmers with one Rania multi-location dimmer.

Operation

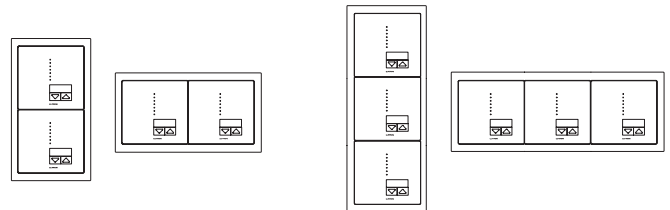
On/Off tapswitch: Fades lights on or off.

TURN ON: Tap once (lights fade to the preset level), tap twice (lights turn on to full brightness).

TURN OFF: Tap once (lights fade-to-off), press and hold (for delayed fade-to-off).

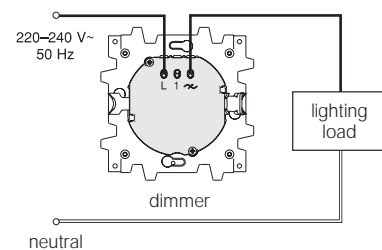
Ganging and derating

When ganging this product with other Lutron dimmers, derate maximum capacity to 350 W/VA.

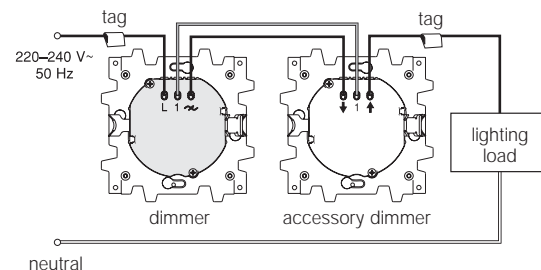


Use Lutron 2-gang or 3-gang frames to gang Lutron dimmers and wiring accessories.

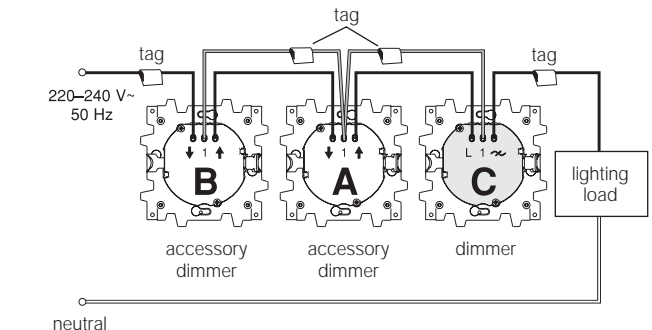
Single-pole wiring diagram



Two-location wiring diagram



Three (or more) location wiring diagram



Choosing your dimmer

You know the mood you want. The next question is: how do you create it? Here's how to choose the right dimmers for your home.




Step 1

Choose the style and colour that best matches or complements the décor of the room.

Step 2

Choose the dimmer designed to control the kind of lights you have in the room.

Types of lighting

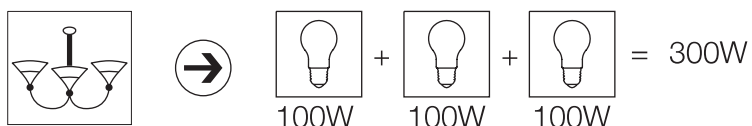
	INC		MVH		LV
	Incandescent 230/240V		Mains voltage halogen 230/240V		Electronic and magnetic low voltage 12V

Step 3

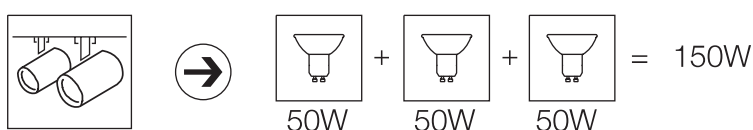
Calculate the total load.

Incandescent light bulbs have wattage ratings marked on the bulb. Add up the wattage of all the bulbs in the fixture and select a dimmer that is rated above or equal to your total wattage.

Incandescent 230/240V



Mains voltage halogen 230/240V



Electronic and magnetic low voltage 12V

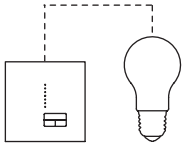


Choosing your dimmer (cont'd)

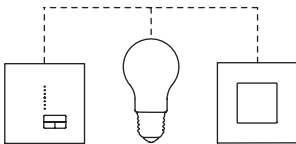
Step 4

Decide how many dimmers/switches control the same light fixture and choose from these options.

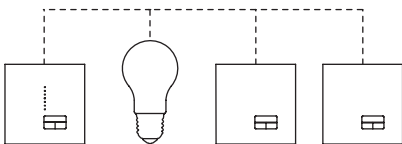
If there is only one switch, use a single-pole dimmer to dim a light from one location. (2-way or multi-location dimmers will work in this application.)



If there is more than one switch, use a 2-way dimmer to dim a light from one location and switch from another. Choose a 2-way dimmer and a 2-way switch. (When using Rania dimmers, remember to use an accessory dimmer.)



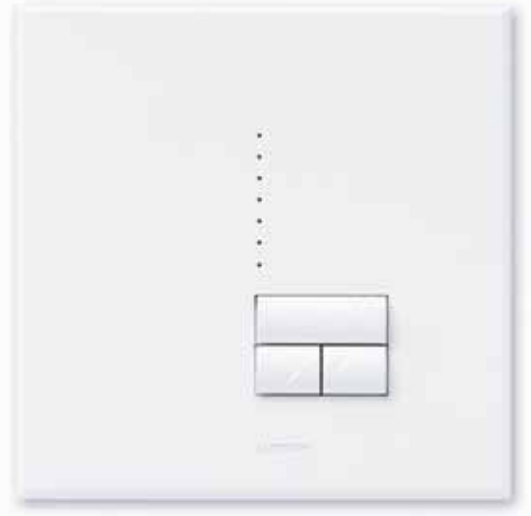
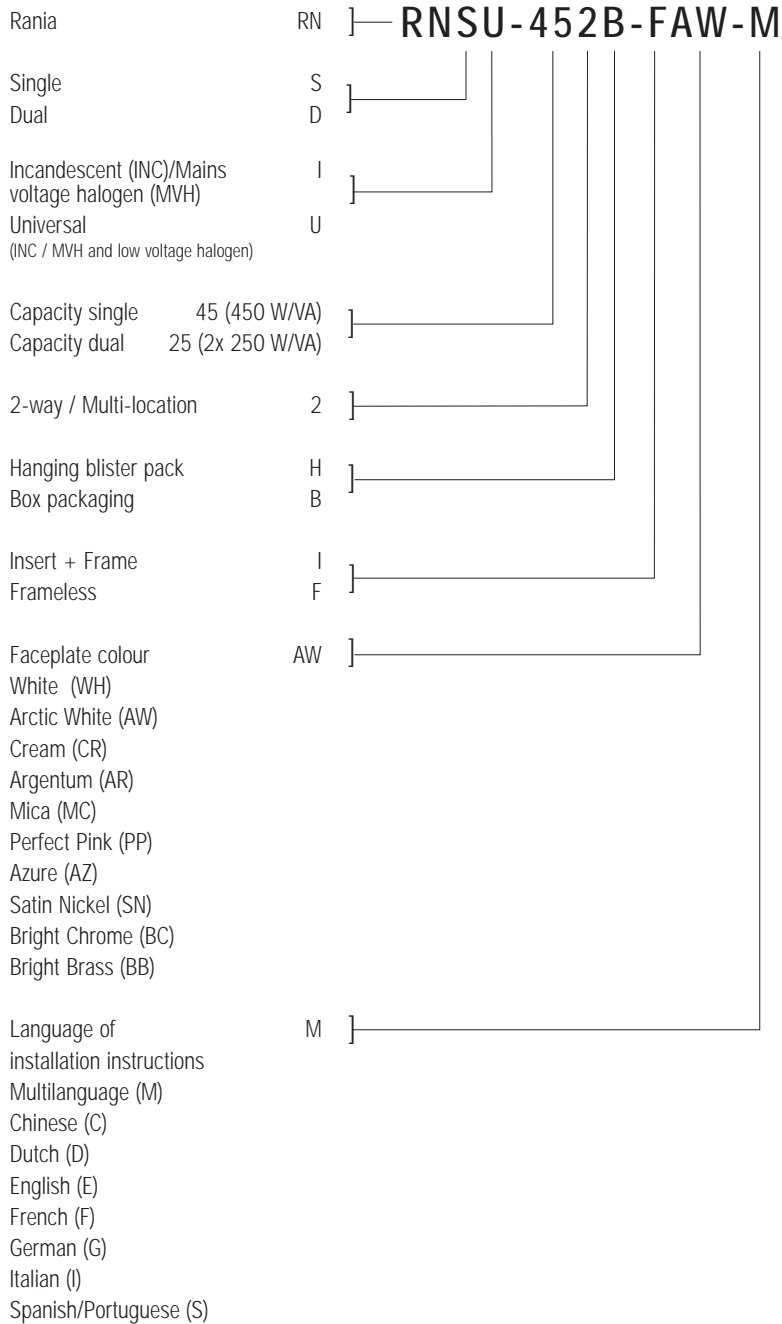
Multi-location dimming to dim a light from more than one location – up to ten. Choose one intelligent dimmer and up to nine accessory dimmers. Accessory dimmers work together with the intelligent dimmer, enabling more than one control to dim a light fixture.



Step 1	Step 2			Step 3	Step 4		
Product	INC 230/240V	MVH 230/240V	LV 12V	Load	1 Way	2 Way	Multi Way
Rania	x	x	x	450W/VA	x	x	x

Ordering your dimmer

Here is an example of how to order Rania dimmers for the look and function you desire.

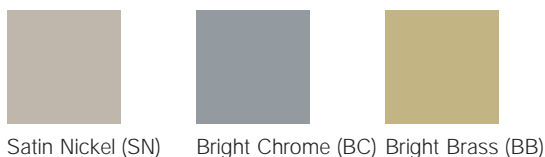


Rania dimmer
Shown in Arctic White
Model # RNSU-452B-FAW-E

Colour options



Metals



Ordering your accessories

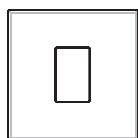
How to select your wiring accessories

Here is an example of how you order the accessories, look and function you desire.
The accessories can be used with Rania, Rania IR and Lyneo style Lutron dimmers.

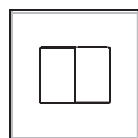
All accessories are available in the full dimmer colour palette for a coordinated look.

Switches

Coming soon

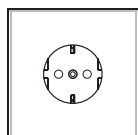


Single switch

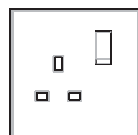


Dual switch

Power sockets

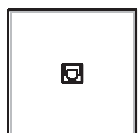


10A
Schuko socket



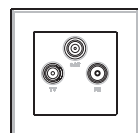
13A UK
switched socket

Phone jacks



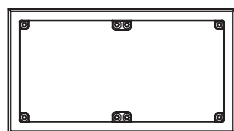
RJ11
Phone jack

TV/SAT/FM jack

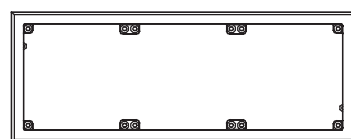


TV/SAT/FM jack

Ganging frames



2-gang frame



3-gang frame

Rania

RN } **RN-RS16-B-FAW-M**

Switch Single 10A SS10
Switch Dual 2 x 10A DS10
Schuko Socket RU16
RJ11 Phone jack RJ11
UK switched 13A socket SRSU
TV/SAT/FM jack TVCA
2-Gang Frame 2GANG
3-Gang Frame 3GANG

Hanging blister pack H
Box packaging B

Insert + Frame I
Frameless F
N/A (use for frame) N

Faceplate colour AW
White (WH)
Arctic White (AW)
Cream (CR)
Argentum (AR)
Mica (MC)
Perfect Pink (PP)
Azure (AZ)
Satin Nickel (SN)
Bright Chrome (BC)
Bright Brass (BB)

Language of installation instructions M
Multilanguage (M)
Chinese (C)
Dutch (D)
English (E)
French (F)
German (G)
Italian (I)
Spanish/Portuguese (S)



LIGHTING CONTROLS

Lutron Electronics Co., Inc.

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