Rania Wireless RF Switch

The Rania Wireless RF Switch is a two-wire switch offering a retrofit solution with no neutral required. For the customer desiring energy savings, the Rania Wireless RF Switch can be controlled by Lutron's Radio Powr Savr™ wireless ceiling-mount occupancy/vacancy sensor.
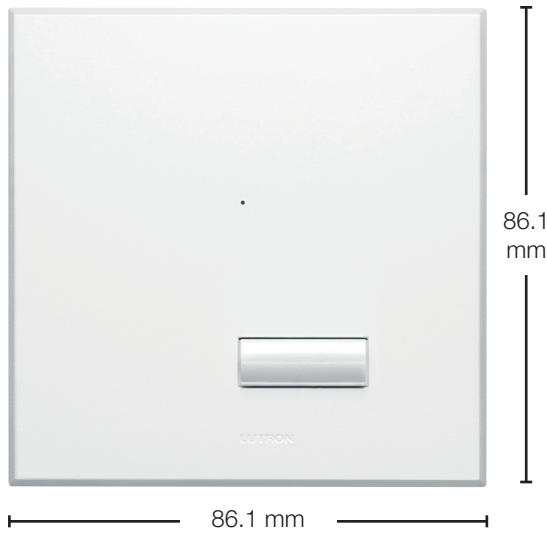
Features
- Two-wire switch - no new wiring required.
- Clear Connect™ RF Technology allows for communication with other Lutron Radio Frequency (RF) devices. See Compatible RF Devices list below.
- Multi-way functionality through Rania Accessory Switches.
- Power failure memory: Should power be interrupted, the control will return to its previous state.
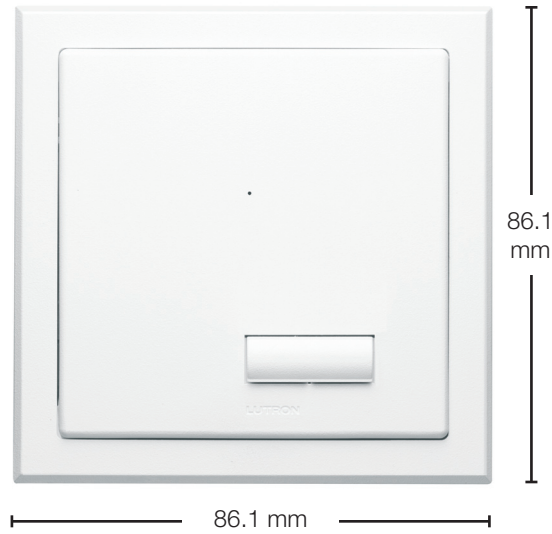
Operation
- On/Off button turns lights on and off: Tap once to turn on, tap again to turn off.
- Press and hold On/Off button for 0.5 seconds to activate Delayed Off. As On/Off button is held, LED will begin to flash to represent a 30 second Delayed Off.
- Green LED indicates if the load is on, and glows softly as night light when load is off.

Front View: Frameless Faceplate
RS-SA05-B-FAW-M

86.1 mm

86.1 mm

Front View: Frame/Insert Faceplate
RS-SA05-B-IAW-M

86.1 mm

86.1 mm

Side View: Frame/Insert Faceplate RS-SA05

7 mm   21 mm

Models Available:
- RS-SA05-B-FXX-Y   Frameless Faceplate
- RS-SA05-B-IXX-Y   Frame/Insert Faceplate
- RS-SA05-B-BXX-Y   Black Frame/Metal Insert Faceplate

Kit Models Available (1 Rania Wireless RF Switch and 1 Radio Powr Savr):
- RRF-SA05-B-FXX-Y   Frameless Faceplate
- RRF-SA05-B-IXX-Y   Frame/Insert Faceplate
- RRF-SA05-B-BXX-Y   Black Frame/Metal Insert Faceplate

Compatible Multi-Way Controls:
- RS-SNAS-B-FXX-Y   Rania Accessory Switch, Frameless Faceplate
- RS-SNAS-B-IXX-Y   Rania Accessory Switch, Frame/Insert Faceplate
- RS-SNAS-B-BXX-Y   Rania Accessory Switch, Black Frame/Metal Insert Faceplate

Compatible RF Devices:
- LRF3-OCRB-P   Radio Powr Savr Occ/Vac Sensor

LUTRON® SPECIFICATION SUBMITTAL   Page

Job Name:	Model Numbers:
Job Number:	

Specifications

Standards
- Certified for IEC/EN compliance
- CE

Requirements
- For multi-way switching, use only one Rania Wireless RF Switch with up to 9 Rania Accessory Switches.

Power / Performance
- 220 - 240 V~ 50 Hz
- Radio Frequency: 868 MHz
- Minimum Load: 25 W
- Maximum Load: 5 AX *
  4 A for motor loads

Load Types
- Fluorescent
- Compact Fluorescent Lamps (CFLs)
- Incandescent
- Halogen
- Electronic Low-Voltage
- Magnetic Low-Voltage *
- Motor Loads

* Maximum transformer size of 100 VA. Multiple transformers can be used for up to 5 A of total load.

Environment
- Ambient operating temperature: 0 °C to 40 °C.
- 0% - 90% humidity, non-condensing.
- Indoor use only.

Wiring
- Maximum wire length between the Rania Wireless RF Switch and the furthest Rania Accessory Switch is 50 m.

Mounting
- Mountable in round or square back boxes with a minimum depth of 35 mm.
- Trim ring is available for 25 mm back boxes.

System Communications and Capacity
- Rania Wireless RF Switch controls communicate with the ceiling mount occupancy sensors through RF.
- Controls must be located within 10 m of a ceiling mount occupancy/vacancy sensor.

Warranty
- Two Year Limited Warranty.

Shunt Capacitor
- In certain applications, a shunt capacitor will need to be added at the load for proper operation. This is most common for non-dimmable CFLs.
- The product is packaged with a 0.47 µF X1 capacitor with flying leads rated for 310 V~.
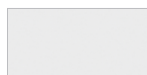
Colours and Finishes

Available Colours

Argentum (AR)	Mica (MC)	Arctic White (AW)

Available Metal Finishes

Bright Brass (BB)	Bright Chrome (BC)	Bright Nickel (BN)	Gold (AU)
Satin Brass (SB)	Satin Chrome (SC)	Satin Nickel (SN)	Antique Brass (QB)	Antique Bronze (QZ)

NOTE: Due to printing limitations, colours and finishes shown cannot be guaranteed to perfectly match actual product colours and finishes.

Job Name:	Model Numbers:
Job Number:	