

## 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.

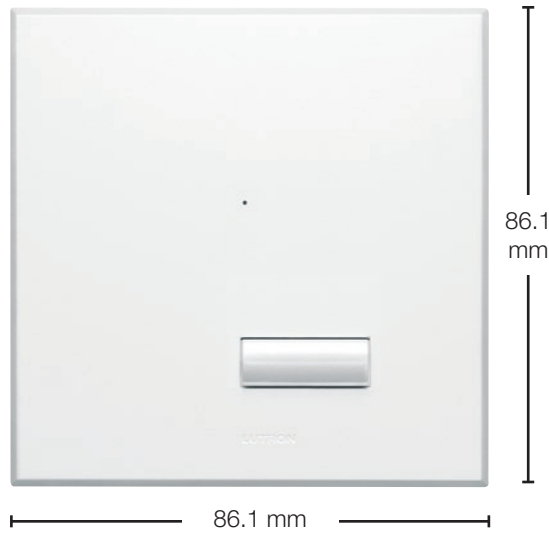
### Features

- 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.

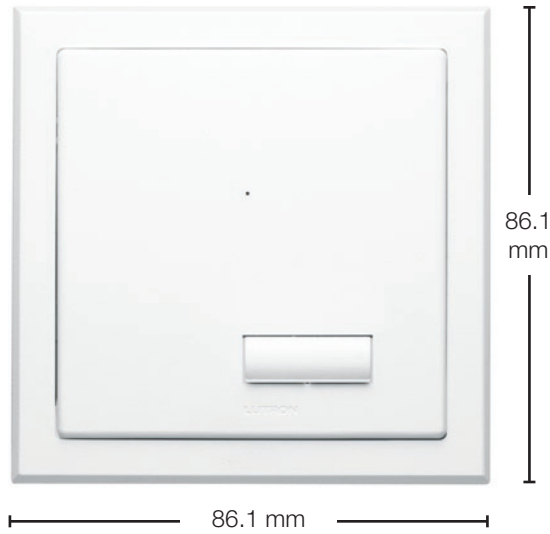
### Operation

- 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-SB05-B-FAW-M



Front View: Frame/Insert Faceplate  
RS-SB05-B-IAW-M



Side View: Frameless Faceplate  
RS-SB05



### Models Available:

- RS-SB05-B-FXX-Y Frameless Faceplate
- RS-SB05-B-IXX-Y Frame/Insert Faceplate
- RS-SB05-B-BXX-Y Black Frame/Metal Insert Faceplate

### Compatible RF Devices:

- LRF4-OCRB-P *Radio Powr Savr* Occ/Vac Sensor

### 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

<p><b>Job Name:</b></p> <p><b>Job Number:</b></p>	<p><b>Model Numbers:</b></p>
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## Specifications

### Standards

- Certified for IEC/EN compliance
- CE
- Certified for SRRRC compliance
- Certified for iDA compliance
- Certified for use in China and Singapore

### 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 (Limited)
- 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

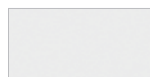
### Available Colours



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:	