LEVITON

Lumina™ RF Decora® Rocker Wall Switch

LED Ready Wireless Lighting Control Solutions

BASIC OPERATION

Introducing the Lumina™ RF Decora® Rocker Wall Switch, part of the line powered Lumina RF solutions. Lumina RF products ensure energy savings in new construction and retrofits, and the Lumina Gateway functions as an energy management coordinator, allowing for automated control of loads via remote control from a tablet or smartphone app.

The Lumina RF Decora Rocker Wall Switch (ZSS10) is a robust rocker manual switch used to provide wireless control of lighting loads including high-inrush LED loads. The ZSS10 wall switch is compatible with other 2.4 GHz Lumina RF wireless products. When connected with a Lumina Gateway it allows facilities to create scalable wireless energy management systems.

Connect other Lumina RF devices and add the OmniTouch 7 touchscreen interface for seamless centralized control, scheduling and remote access. The ZSS10 is the optimal solution for retrofit applications where LED, incandescent or fluorescent lighting controls are required. The ZSS10 replaces traditional single-pole wall switches and fits in a standard single-gang wall box. No additional wiring is required.

APPLICATIONS

- Retrofits
- Conference Rooms
- Lounges
- Executive offices
- New construction
- Transceiver: 2-way communication with acknowledgement

FEATURES

- **Compatible with multiple load types—** LED, incandescent, inductive, fluorescent
- **Coordinator feature—**self-healing wire mesh feature has no hardwired backbone for and connects all products together for more robust and reliable system
- **H.I.S. (High Inrush Stability)—**robust and reliable mechanically held latching load rating for high inrush (LED) and commercial lighting
- **LED flexibility—**enable and disable LED for applications where brightness is a factor (i.e. hospitality)
- **3-way switching applications—**pair with Lumina Gateway for energy management
- **Standard size for seamless installation—**the Lumina RF wall switch fits in a standard single-gang wall box
- **Complies with IEEE 802.15.4 standards—** for domestic and international wireless networks

LED READY

Leviton Manufacturing Co., Inc. Global Headquarters
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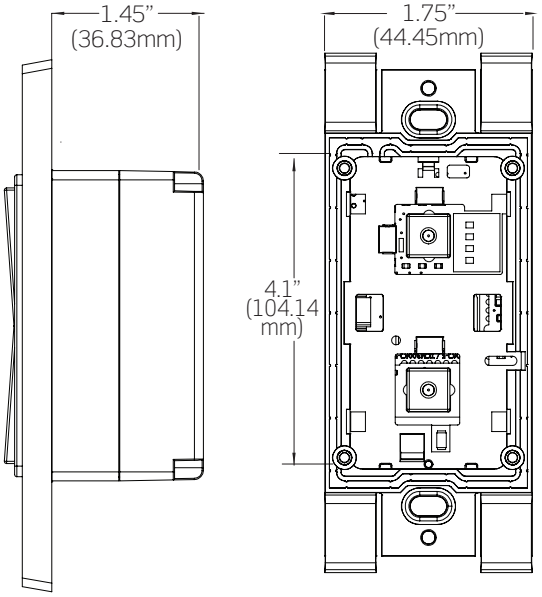
PRODUCT DATA

LEVITON

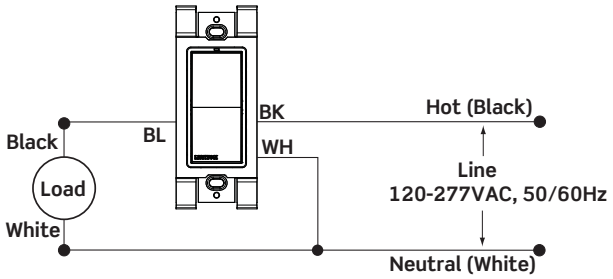
Lumina™ RF Decora® Rocker Wall Switch

DIMENSIONS

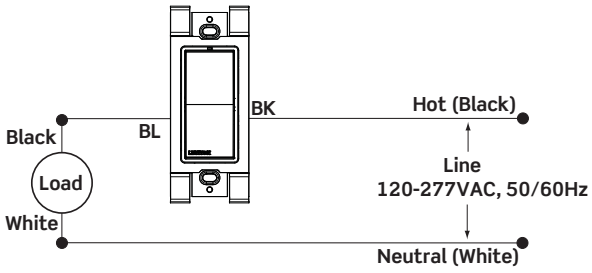


WIRING DIAGRAMS

ZSS10-NxZ (neutral required)



ZSS10-GxZ (no neutral)



SPECIFICATIONS

ELECTRICAL	
Input Voltage	120-230-277VAC
Connections	16 AWG
Load Requirements	25W minimum
Input Frequency	50/60 Hz
Power Consumption	**ZSS10-NxZ:** 120VAC @ 3.4mA AC (160mW typical); 277VAC @3.6mA AC (420mW typical) **ZSS10-GxZ:** 120VAC @ 6.2mA AC (350mW typical); 277VAC @ 4.7mA AC (520mW typical)
Communication Frequency	2.4 GHz
Range	Up to 75' between Lumina RF devices
Load Rating	Incandescent: 800W @120V Fluorescent Ballasts: 1200VA @ 120V, 2700VA@277V Motor: 1/4HP @120V
Wire Designation	Line - black, Load - blue, Neutral - white
ENVIRONMENTAL	
Operating Temperature Range	32-104°F (0-40°C)
Usage	Indoors only
OTHER	
Listings	Complies with ETL/cETL Listed to: UL508, CAN/CSA C22.2 #14, can be used to comply with ASHRAE 90.1 and 2016 Title 24, Part 6 space/area control, manual-ON/OFF requirements
Radio Certification	FCC certified for wireless communication (U.S.), IC Certified (Canada) FCC ID: W7Z-ZICM357SP0 IC: 854A-ZICM357SP0
Dimensions	4.1" x 1.75" x 1.45" (104.14mm x 44.45mm x 36.83mm)
Weight	0.25lbs (0.11kg)
Warranty	2 years
CAT. NO.	**DESCRIPTION**
ZSS10-NxZ*	Lumina RF Decora Wall Switch, 2.4 GHZ wire-in receiver, 120-277VAC, 50/60 Hz, neutral required
ZSS10-GxZ*	Lumina RF Decora Wall Switch, 2.4 GHZ wire-in receiver, 120-277VAC, 50/60 Hz, no neutral model

*x = Contact factory for (A) ARRA compliant product. NAFTA compliant and Made in USA models available.

Contact Leviton for a complete list of Lumina RF wireless solutions. The line includes transmitter switches, thermostats, room controllers and more.

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Visit our website at: www.leviton.com/gateway

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G-9408E/L17-aa
REV DEC 2017