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CONTROLS
A WISILICA BRAND



PSC-DM-WS-200-BLE-WS



FCC ID: 2AG4N WIM2480



PRODUCT OVERVIEW

PSC-DM-WS-200-BLE-WS is an AC-powered, 2-button wireless wall switch designed for seamless integration with the Lumos Controls BLE mesh ecosystem. It provides intuitive ON/OFF and dimming control for grouped lighting fixtures. Commissioned directly via the Lumos Controls mobile app, the switch fits into any standard 1-gang wall box, offering a modernized lighting control solution without the need for complex control wiring.

The switch is a part of Lumos Controls ecosystem supported by controllers, sensors, switches, modules, drivers, gateways, and analytical dashboards. The ecosystem is listed by the Design Lights Consortium (DLC), qualifying it for energy conservation incentive programs and rebates by utility companies.

SPECIFICATIONS

Electrical

Specifications	Value	Remarks
Input voltage	120-277 VAC	@ 50/60Hz
Power consumption	Max 1.5W	

Bluetooth

Specifications	Value	Remarks
Frequency range	2402-2480MHz	
Max output power	8dBm	Conductive
Receive sensitivity	-95dBm	
Connection distance (device to device)	45m(147.6ft)	Vary depending on the installation environment

FEATURES

- BLE 5.2 based non-flooding intelligent communication
- Control ON/OFF
- Conforms with DLC NLC5 Cybersecurity Standards
- LED status indicator light
- Mounts in any standard wall box

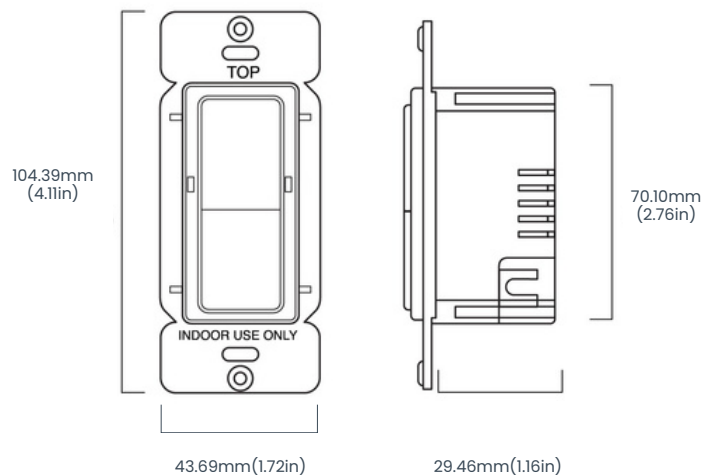
Environmental

Specifications	Value	Remarks
Operating temperature	0° to 55°C (32 to 131°F)	
Storage temperature	-10° to 60°C (14 to 140°F)	
Relative humidity	90-95%	non-condensing at 30°C

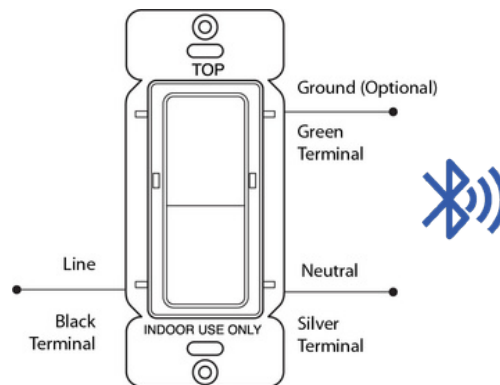
Mechanical

Specifications	Value	Remarks
Dimension	104.33 X 43.69 X 29.46mm (4.11 X 1.72 X 1.16in)	Length x Breadth x Height

PRODUCT DIMENSIONS



WIRING



WIRELESS MANUAL CONTROL

COMMISSIONING

Upon powering on, the switch will automatically enter pairing mode for 3 minutes. During this window, the device can be discovered and commissioned using the Lumos Controls mobile app.

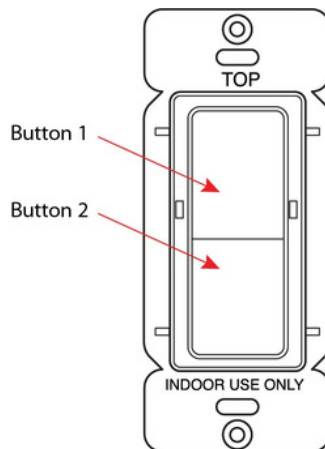
BUTTON FUNCTIONS

Button -1

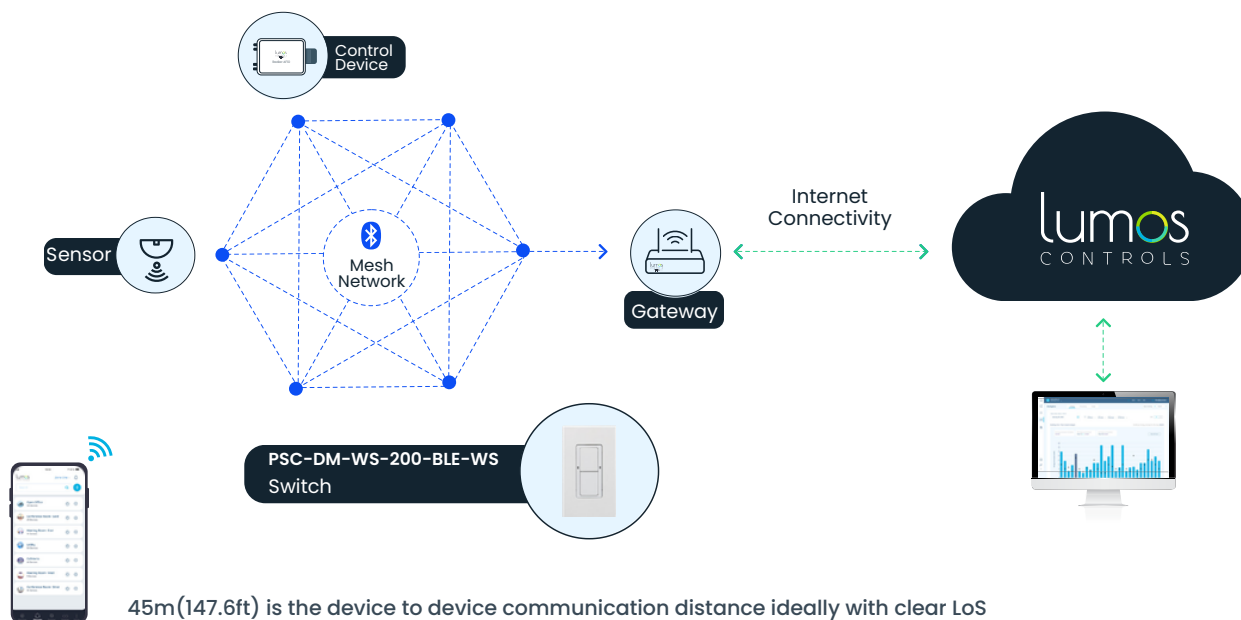
Short press: ON
Press and Hold: Dim up

Button -2

Short press: OFF
Press and Hold: Dim down



SMART ECOSYSTEM



ORDERING INFORMATION

Product Code	Product Description	Communication	Voltage Rating
PSC-DM-WS-200-BLE-WS	2-Button Wireless Bluetooth Mesh Wall Controller	BLE 5.2	120-277 VAC

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