



# PSC-DM-WS-100-BLE-WS

1-Button Bluetooth Mesh Wall Controller



# PRODUCT OVERVIEW

PSC-DM-WS-100-BLE-WS wirelessly communicates with other Bluetooth mesh network devices to provide scene and light level control to lighting in the space. It can be installed in a standard 1-gang wall box.

PSC-DM-WS-100-BLE-WS 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
- Manual ON/OFF (wireless)
- Dim UP/DOWN (wireless)
- Conforms with DLC NLC5 Cybersecurity Standards
- LED status indicator light
- Mounts in any standard wall box

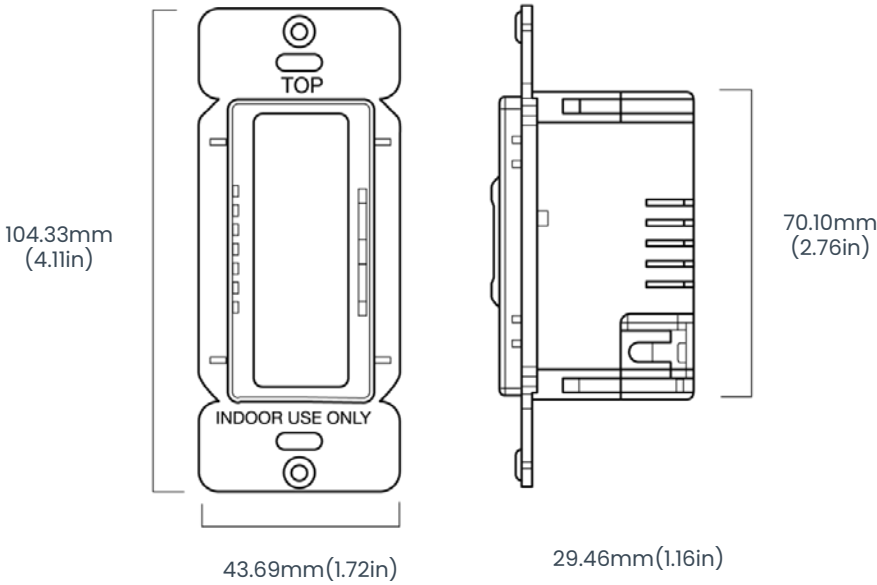
## Environmental

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

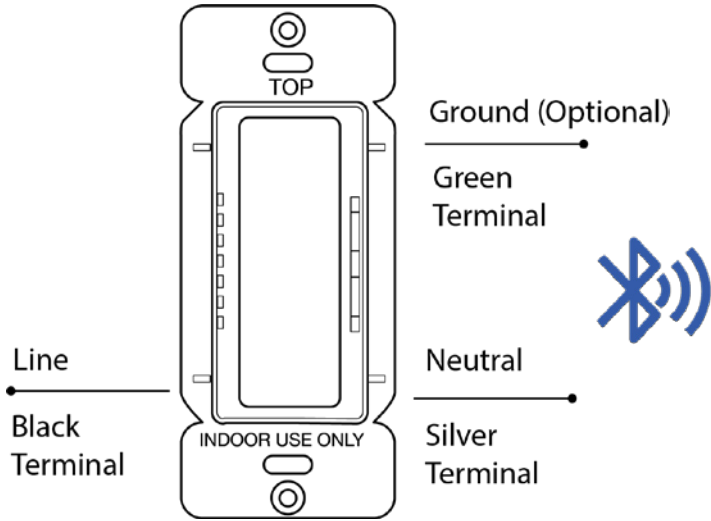
## Mechanical

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

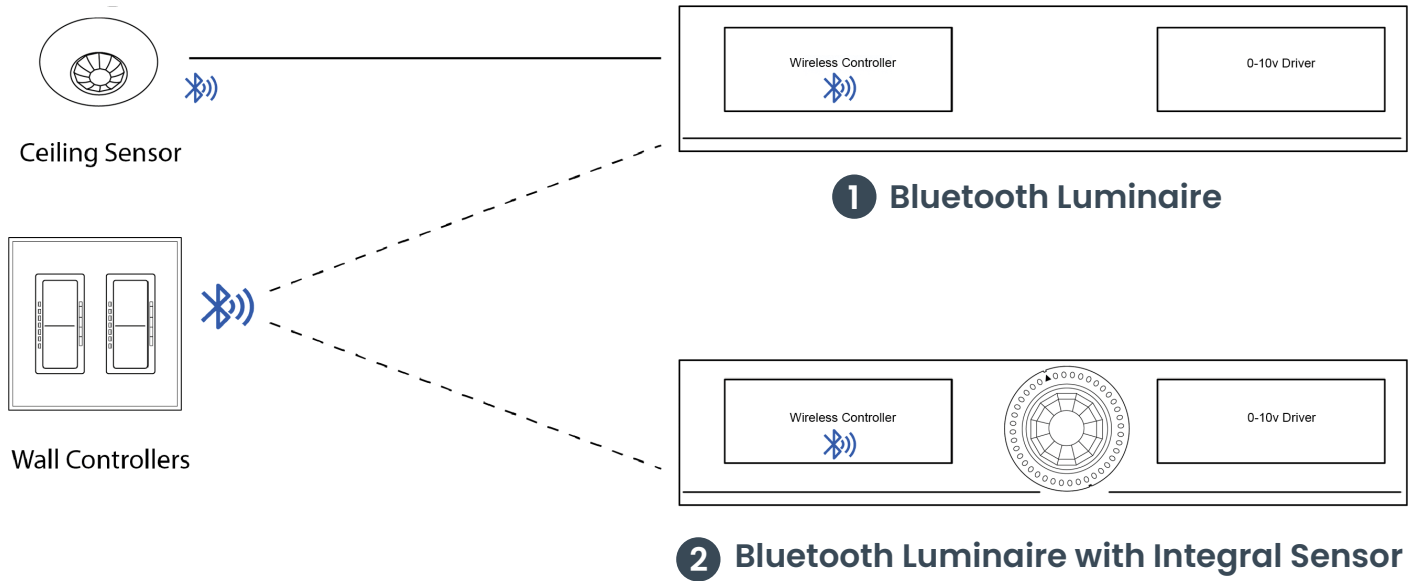
# PRODUCT DIMENSIONS



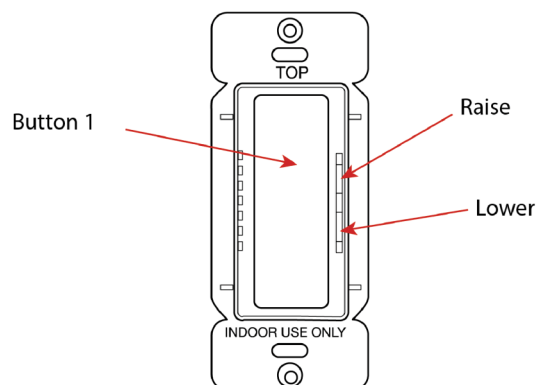
# WIRING



# SWITCH INTEGRATION



## DEVICE CONTROLS



### BUTTON 1 FOR ON/OFF:

Short press: OFF

Short press: AUTO/ON

Auto = Resume automatic control; turns on the automatic settings for luminaires (defined by the settings profile).

### COMMISSIONING MODE:

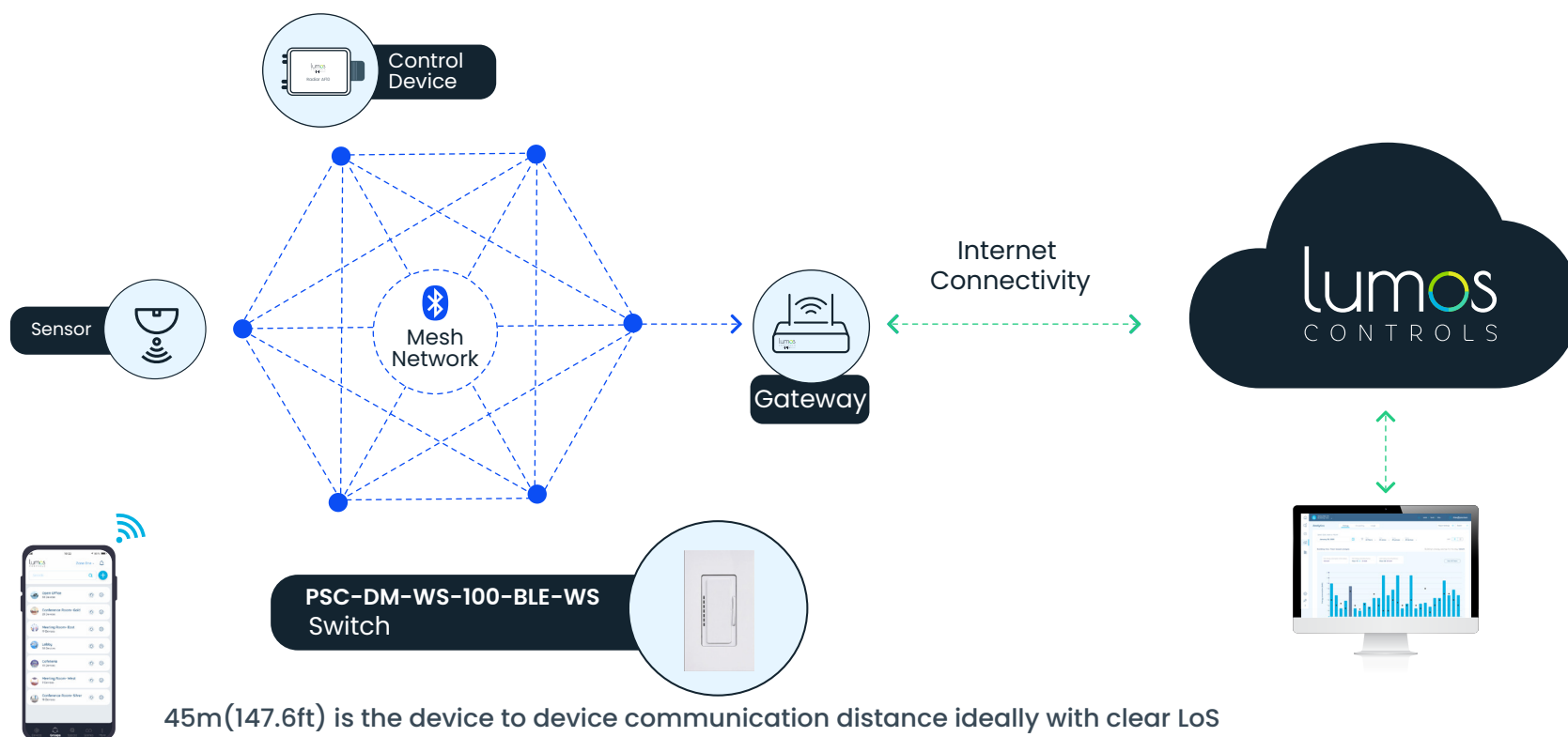
Press and hold Button 1 together with side toggle at top and bottom for 10 sec to bring the switch in to commissioning mode.

### FOR DIMMING:

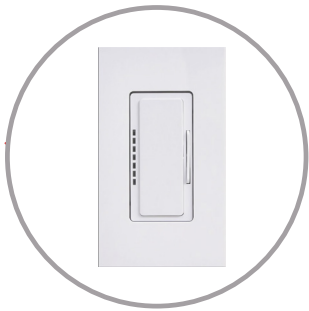
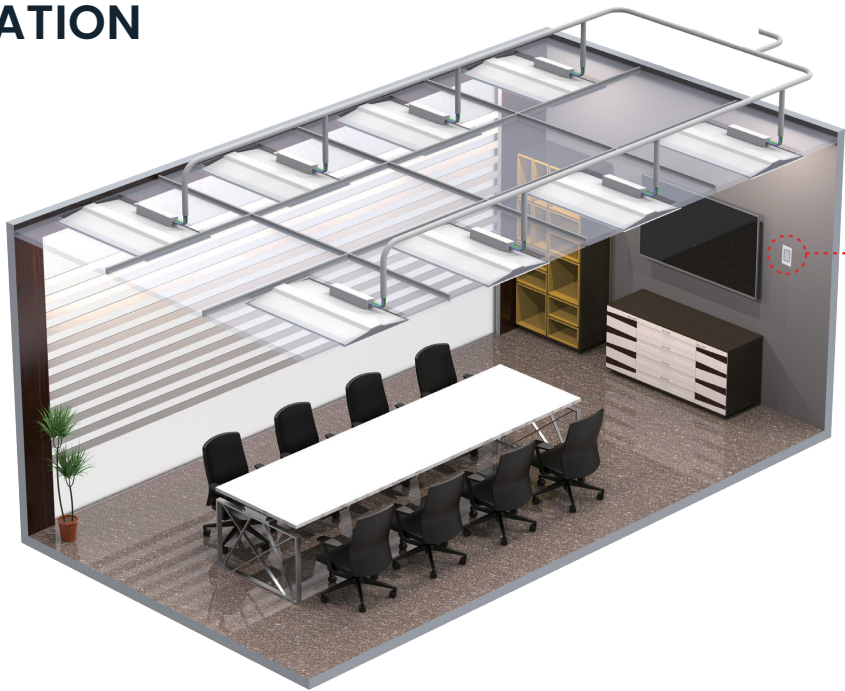
Raise Toggle

Lower Toggle

## SMART ECOSYSTEM



# APPLICATION



PSC-DM-WS-100-BLE-WS

# ITEMS INCLUDED IN THE PACKAGE BOX

- PSC-DM-WS-100-BLE-WS
- User guide
- Screws



# ORDERING INFORMATION

Product Code	Product Description	Communication	Voltage Rating	Functionality
PSC-DM-WS-100-BLE-WS	1-Button Bluetooth Mesh Wall Controller	BLE5.2	120-277VAC	ON/OFF, Dimming

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