



PSC-DM-I-WS-100-BLE-WS

Wireless Motion Sensor Dimmer Wall Switch



PRODUCT OVERVIEW

PSC-DM-I-WS-100-BLE-WS Bluetooth mesh wall switches provide automatic lighting control for a variety of indoor applications. They can replace any standard single-pole wall switch.

PSC-DM-I-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

- PIR Sensor
- BLE 5.2 based non-flooding intelligent communication
- Manual ON/OFF (wireless)
- Dim UP/DOWN (wireless)
- LED status indicator light
- Mounts in any standard wall box

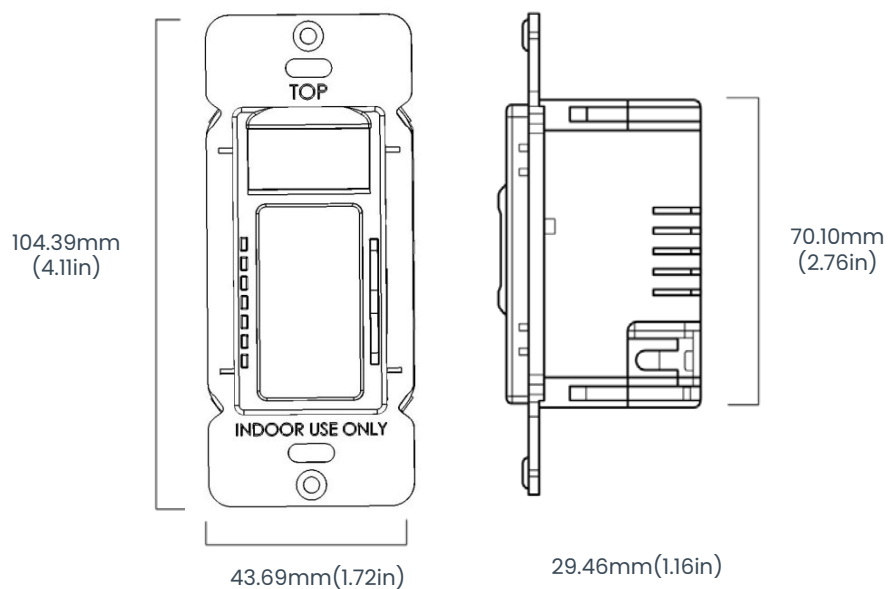
Environmental

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

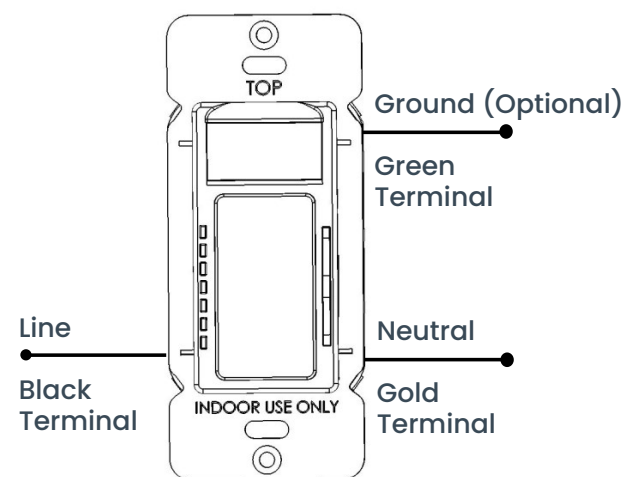
Mechanical

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

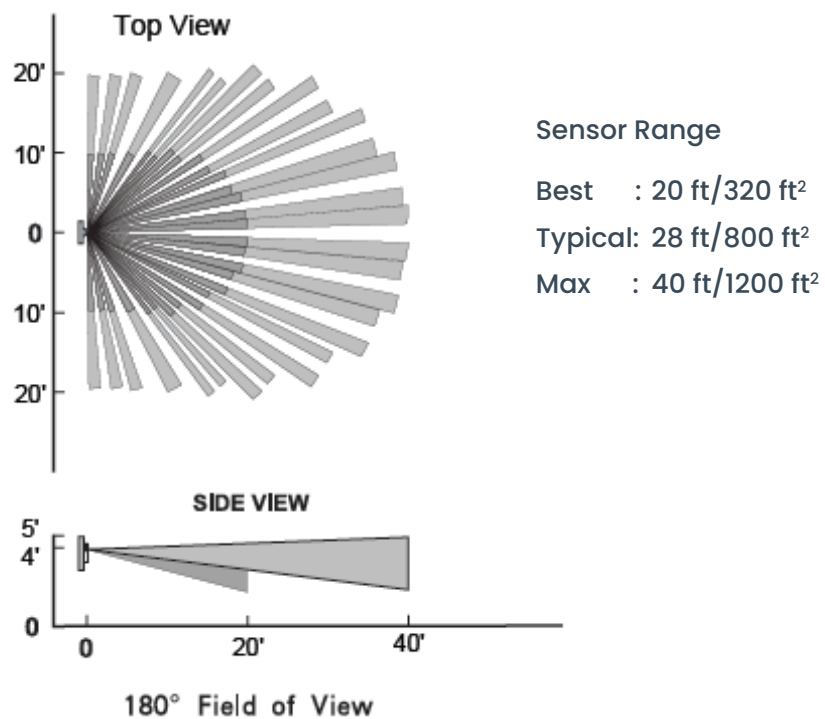
PRODUCT DIMENSIONS



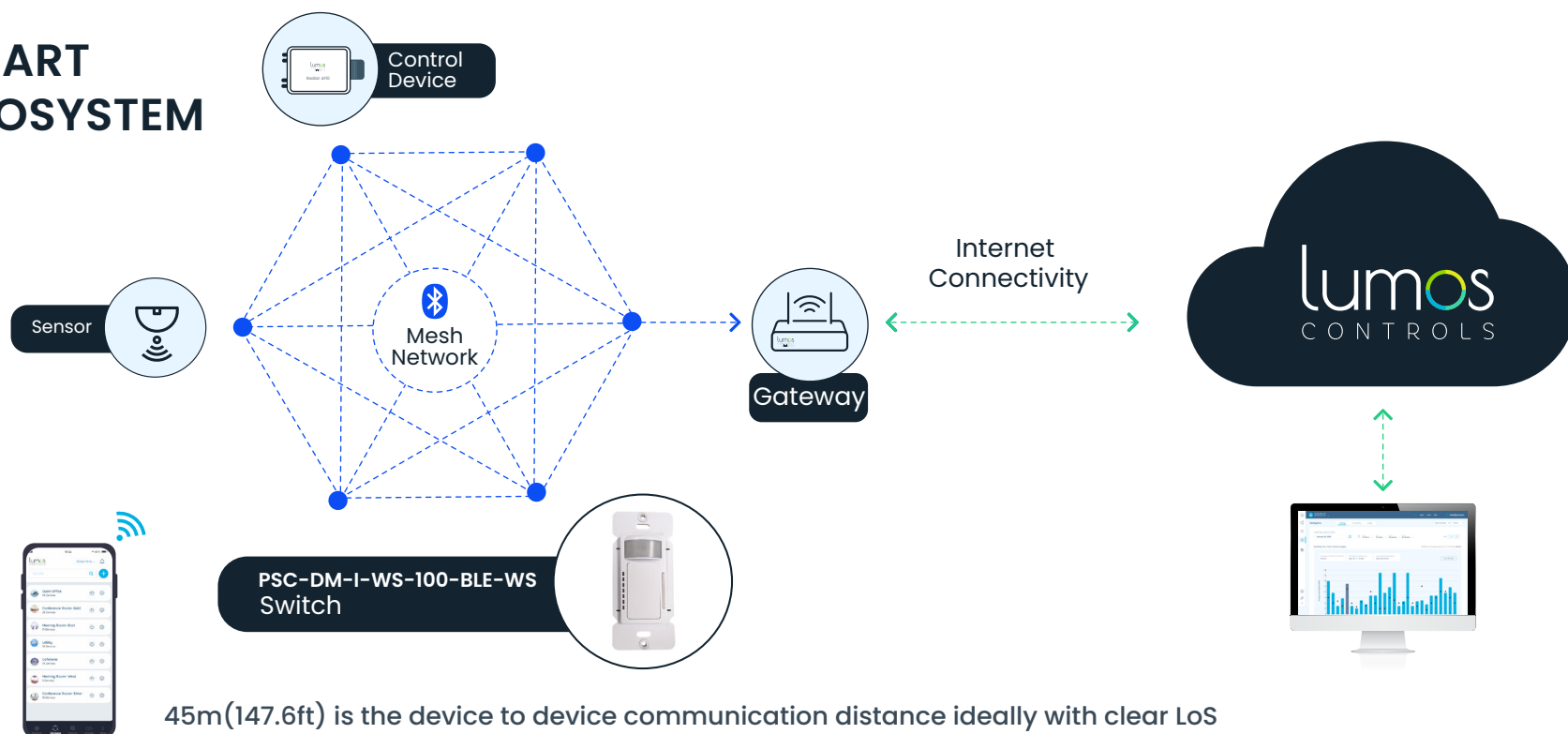
WIRING



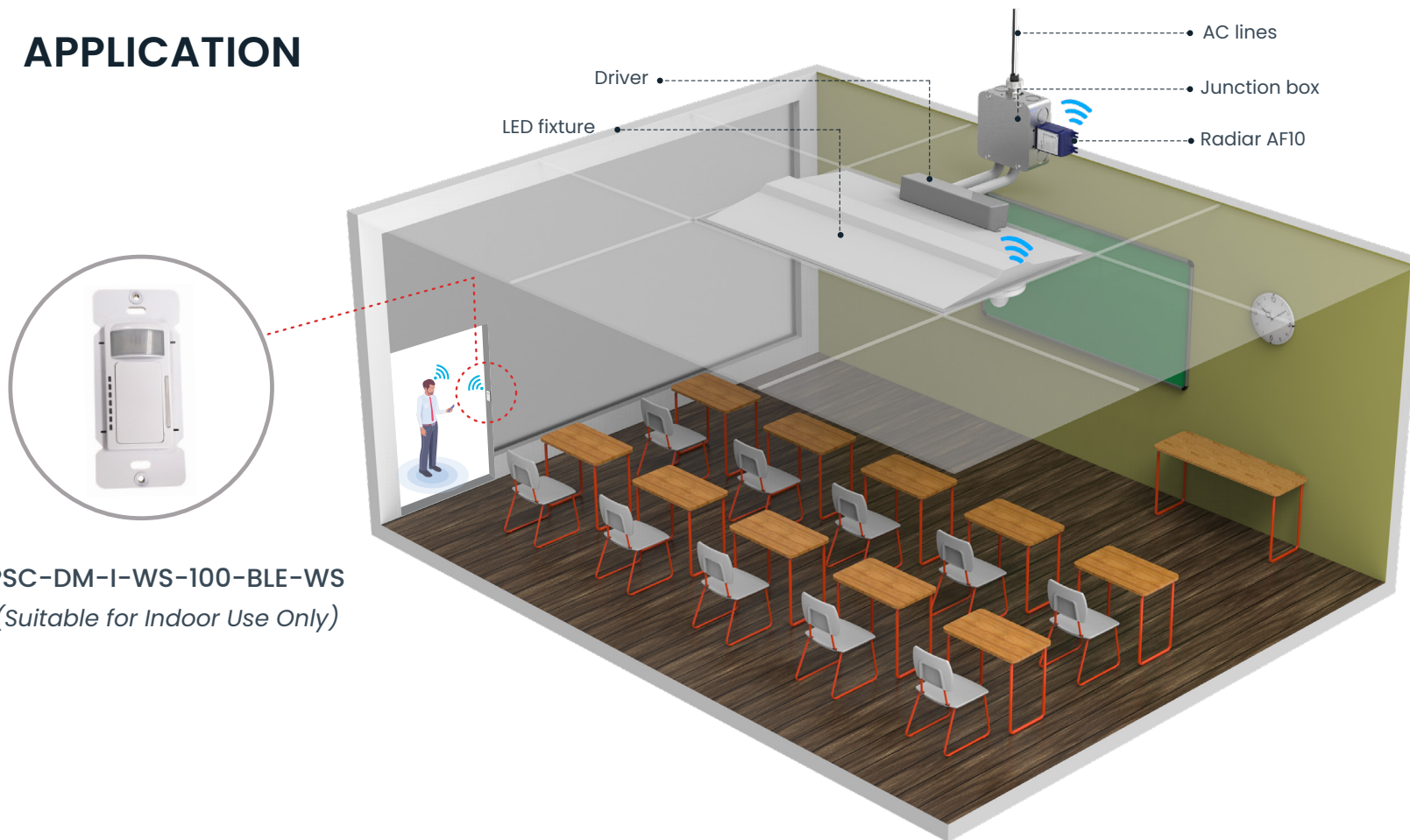
DETECTION AREA



SMART ECOSYSTEM



APPLICATION



ITEMS INCLUDED IN THE PACKAGE BOX

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



ORDERING INFORMATION

Product Code	Product Description	Communication	Voltage Rating	Functionality
PSC-DM-I-WS-100-BLE-WS	Wireless motion sensor dimmer wall switch	BLE5.2	120-277VAC	ON/OFF, Dimming, PIR motion sensing

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