



NLC Wireless Wall Controllers - Bluetooth® Mesh

HIGHLIGHTS

- Wireless Wall Controller for Network Lighting Controls (NLC) using SIG Qualified Bluetooth® mesh
- Designed for use with a single gang electrical box
- The free iOS App powered by Silviar is used for onsite commissioning which includes setting up areas/grouping/zoning, creating profiles, and personal control. (PSC-DM-I-WS-100-BLE-SR feature with occupancy or vacancy, ambient threshold, and time delay)
- The Web App powered by Silviar is used for optional offsite pre-planning which includes setting up areas/grouping/zoning (pre-commissioning not required) and creating profiles (includes setting high and low end trim, occupancy or vacancy, daylight harvesting and time delay)
- No hubs, gateway, or routers are required to make a complete mesh network. The unit can pair with the Silviar iOS App to allow initial setup and subsequent adjustments
- Easily incorporate additional BLE devices like wall/wireless controllers, sensors, fixture controllers, range extenders, and timekeepers
- Over-the-air Firmware upgrade available via iOS App
- A device that is part of EiKO's NLC System

CERTIFICATIONS

- cULus Listed for Damp Locations
- FCC Compliant
- RoHS Compliant

PERFORMANCE

- Communication Range: up to 30ft*
- Manual on/off (wireless)
- Continuous Dimming (Wireless)
- LED status indicator light

ELECTRICAL

- Input Voltage: 120-277V, 50/60Hz
- Power Consumption: 1.5W Maximum
- The Wall Controller is powered by line voltage

THERMAL

- 32°F to 131°F (0°C to 55°C) operating temperature

CONSTRUCTION

- Mounts in any standard electrical box
- White plastic housing

WARRANTY

- 5-Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

project name	type
catalog number	voltage
approved by	date



PSC-DM-WS-100-BLE-SR PSC-DM-I-WS-100-BLE-SR PSC-DM-WS-400-BLE-SR



APPLICATIONS

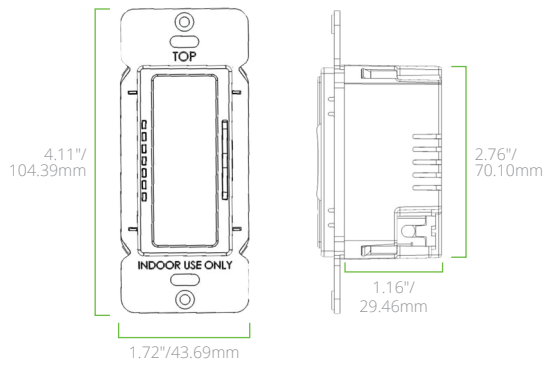
- Office space
- Classrooms
- Conference rooms
- Storage spaces
- Break rooms
- Restrooms

AVAILABLE MODELS

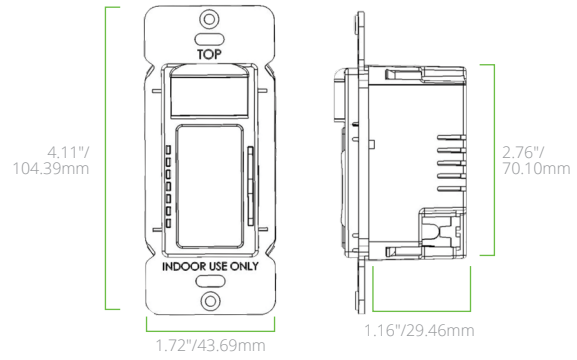
ORDER CODE	ITEM #	INPUT VOLTAGE	SENSOR TECHNOLOGY	WIRELESS TECHNOLOGY	AMBIENT THRESHOLD	# OF BUTTONS	COMMUNICATION RANGE*	INSTALLATION TYPE
12635	PSC-DM-WS-100-BLE-SR	120-277V	Wall Controller	Bluetooth® SIG Mesh	No	Single	30ft	Wired, Electrical Box
12636	PSC-DM-I-WS-100-BLE-SR	120-277V	PIR	Bluetooth® SIG Mesh	Yes	Single	30ft	Wired, Electrical Box
12637	PSC-DM-WS-400-BLE-SR	120-277V	Wall Controller	Bluetooth® SIG Mesh	No	4- Button	30ft	Wired, Electrical Box

*Communication range highly depends on the intergrated fixtures, surrounding environment, and conditions. It is recommended to conduct testing in each unique application for range accuracy. For a longer communication range, a Range Extender is recommended (per zone).

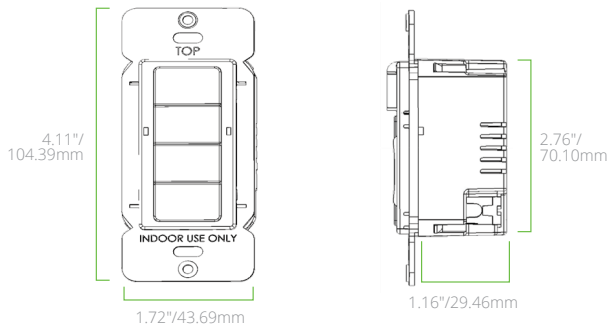
PRODUCT DIMENSIONS



PSC-DM-WS-100-BLE-SR

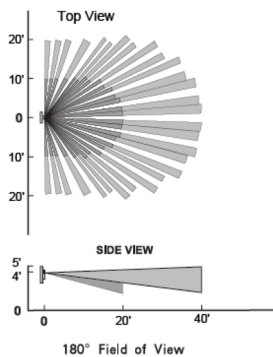


PSC-DM-I-WS-100-BLE-SR



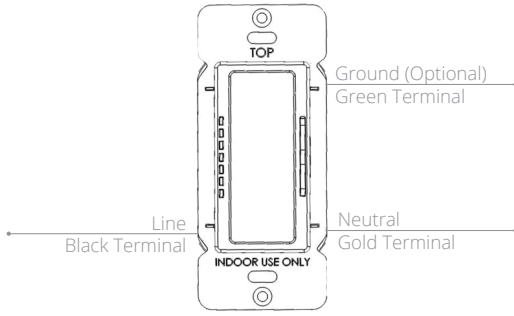
PSC-DM-WS-400-BLE-SR

DETECTION AREA

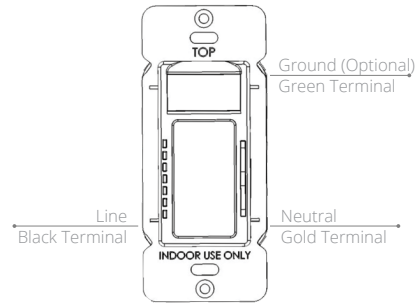


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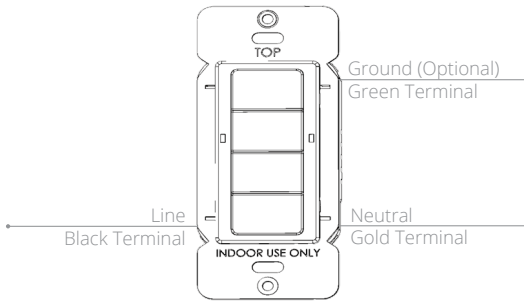
WIRING DIAGRAM



PSC-DM-WS-100-BLE-SR

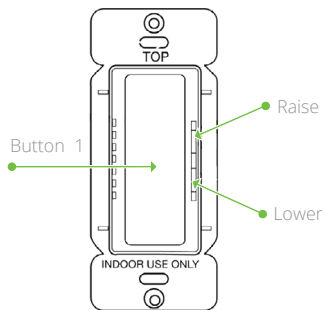


PSC-DM-I-WS-100-BLE-SR



PSC-DM-WS-400-BLE-SR

WIRELESS MANUAL CONTROL



PSC-DM-WS-100-BLE-SR

BUTTON 1 FOR ON/OFF

Short press: AUTO/ON

Short press: OFF

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

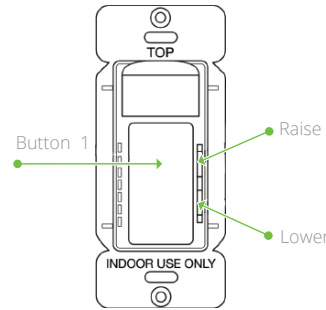
FOR DIMMING

Raise Toggle

Lower Toggle

FACTORY RESET

Press and hold Button 1 together with side toggle at top and bottom for 10 seconds. The device returns to an unprovisioned state.



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

BUTTON 1 FOR ON/OFF

Short Press: AUTO/ON

Second Short Press: OFF

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

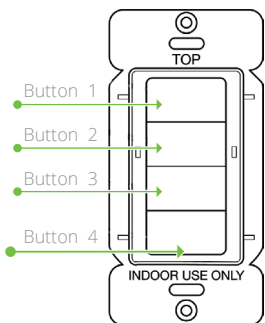
FOR DIMMING

Raise Rocker

Lower Rocker

FACTORY RESET

Hold both Button 1 and Lower Toggle for 10 seconds. The device returns to an unprovisioned state.



PSC-DM-WS-400-BLE-SR

BUTTON 1 AND BUTTON 2 FOR AUTO/ON AND DIMMING

Short Press Button 1: AUTO/ON

Short Press Button 2: Off

Long Press Button 1: Dim Up

Long Press Button 2: Dim Down

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

BUTTON 3 AND BUTTON 4 TO TRIGGER SCENES OR CONTROL COLOR TEMPERATURE (IF AVAILABLE); SCENES MUST BE CONFIGURED

Short Press Button 3: Scene A (if configured)

Short Press Button 4: Scene B (if configured)

Long Press Button 3: Colder Temperature (if available)

Long Press Button 4: Warmer Temperature (if available)

FACTORY RESET

Hold both Button 1 and Button 4 for 10 seconds. The device returns to an unprovisioned state.