

Wireless Dimming Wall Controller (with Occupancy Sensor) PSC-DM-I-WS-100-BLE-XI



Suitable for Indoor Use Only



Overview

- Bluetooth® Xicato Xmesh™ Compatible
- Manual ON/OFF
- Dimmer UP/DOWN
- Passive Infrared (PIR) Occupancy Sensor
- LED status indicator light
- AC Mains powered
- Mounts in any standard wall box
- White Color

Applications

Xicato's Wireless Occupancy Sensor Dimming Wall Controller (PSC-DM-I-WS-100-BLE-XI) provides automatic, occupancy-based lighting control for a variety of indoor applications. It can be mounted in any standard single-gang wall box.

Passive infra-red (PIR) detection is best suited for areas with clear line of sight. Typical applications include classrooms, copy rooms, private offices, conference rooms, and private restrooms.

Operation

Xicato Xmesh™ controls provide a seamless Bluetooth based mesh control system for a room, floor, building or site. The controls system includes lights, switches, load controllers as well as gateways for easy integration with a BMS or other lighting control systems as well as cloud connectivity for remote monitoring and/or control.

Key features of Xicato's Xmesh™ controls system are auto-discovery of new devices making it easy to expand your system with both devices and capabilities after initial installation.

The PSC-DM-WS-400-BLE-XI controls all of the lights in a specific zone. The unit also functions as a dimmer to override the pre-configured occupancy sensor settings.

See the Xicato Controls Platform Manual for more information.

Specifications

Sensor Type:
PIR Occupancy/Vacancy Sensor Dimmer

Input Voltage | Power Consumption:
120-277 VAC, 50/60Hz | Max 1.5W

Mounting: Standard wall box

Max Range: 40 ft @ 4ft mounting height
(12.2m @ 1.2m mounting height)

Max Bluetooth Range¹: 30ft (9.14m)

Operating Temperature: 0° to 55°C

Storage Temperature: -10° to 60°C

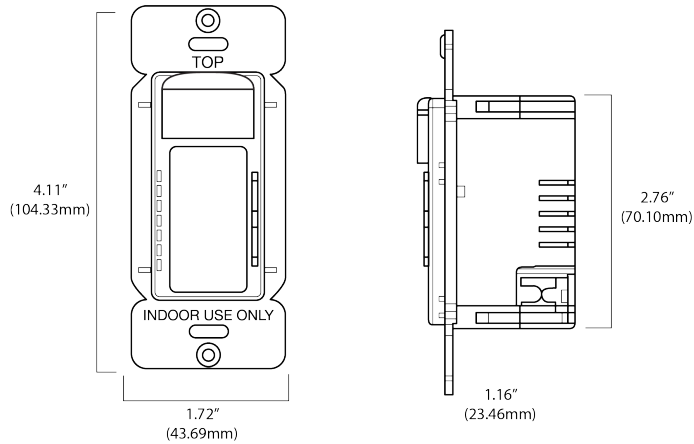
Relative Humidity: 90-95% non-condensing
at 30°C

Color: White

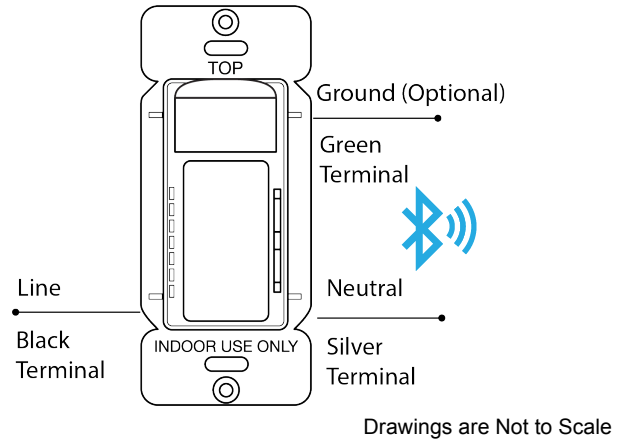
Warranty: 5 years

Note:
1. Bluetooth Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It is recommended to conduct testing for range accuracy.

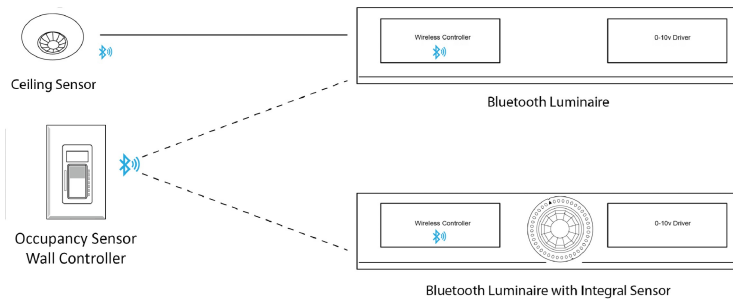
Physical Dimensions



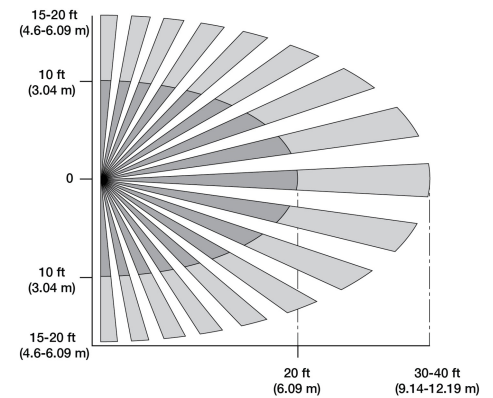
Wiring Diagram



Examples

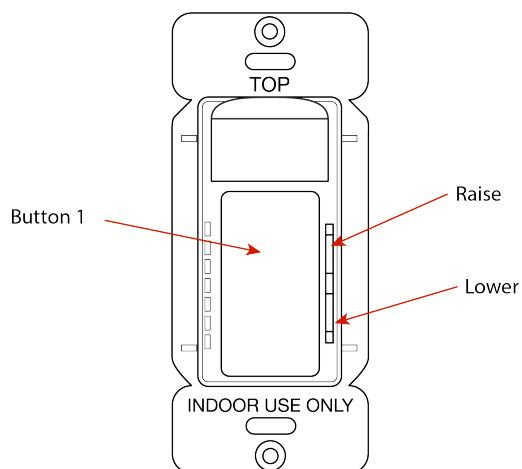


Detection Area



Drawings are not to scale

Wireless Manual Control Example



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