

Wireless Self-Powered Dimming Wall Controller

Features

- Bluetooth®
- Self-powered
- Manual on/off (wireless)
- Dim up/down (wireless)
- Bluetooth mesh Stack Security protocols featuring AES-CMAC and AES-CCM 128 bit encryption
- Tunable White
- Surface or Flush Mount or mounts in standard wall box
- Color: white



PSC-EO-WS-100-BLE

PSC-EO-WS-400-BLE

Suitable for Indoor Use Only



Applications

McWong’s Wireless Self-powered wall controllers (PSC-EO-WS Series) provide automatic lighting control for a variety of indoor applications.

These devices do not require wires or batteries; they utilize an integrated micro-generator powered Bluetooth BLE transmitter to send a wireless signal.

Typical applications include private offices, open offices, classrooms, conference rooms and any application where running power or control wiring is impossible or undesirable. Standard decorator style opening allow for easy multi-gang installations.

Operation

TruBlu™ Mesh Controls: Qualified by Bluetooth SIG for its Bluetooth Mesh 1.0.1 specification, the wall controller connects to a Bluetooth mesh network to control all of the lights in a programmed zone. PSC-EO-WS Series Bluetooth Switches offer a familiar and convenient interface for communicating with compatible controllers.

The single-button unit provides ON/Raise and OFF/Lower for one zone of lighting.

The dual-button unit provides ON/Raise and OFF/Lower for one zone of lighting on the left switch. The right switch is for presets A (top) or preset B (bottom) or for tunable white - warm (top) cool (bottom). The device can also be programmed for override control.

See the TruBlu™ Commissioning User Manual for more information.

Summary

Product Type:
Wall Controller

Input Voltage | Power Consumption:
Self –powered

Mounting:
Surface or Flush Mount

Max Bluetooth Range¹:
30ft (9.14m)

Operating Temperature:
-25° to 65°C

Storage Temperature:
-25° to 65°C

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

Color: White

Warranty: 5 years

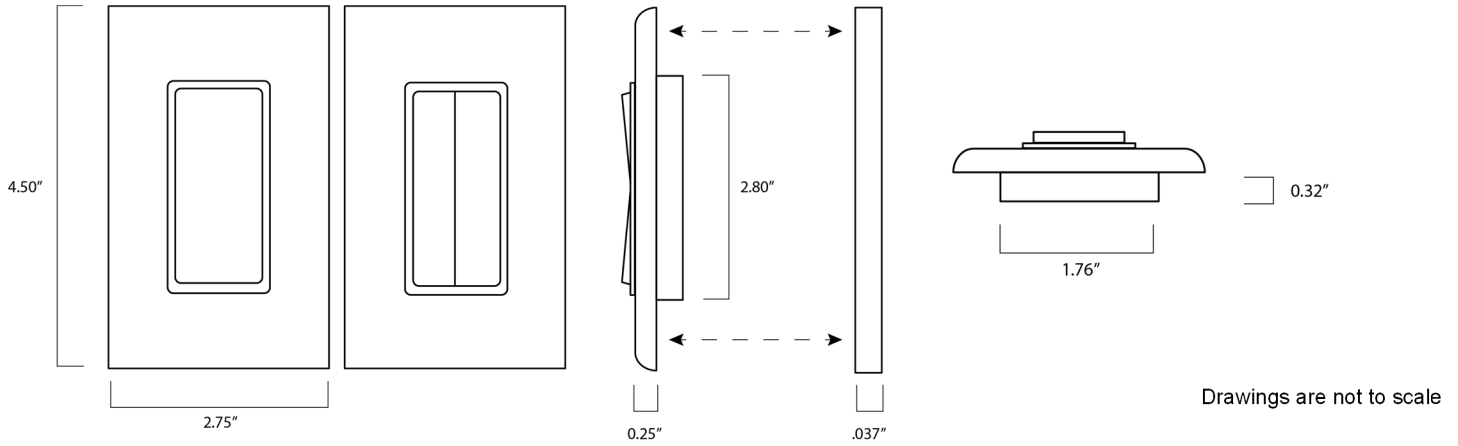
Note:

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

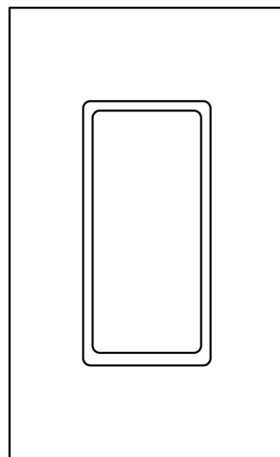
Project

Location/Type

Physical Dimensions

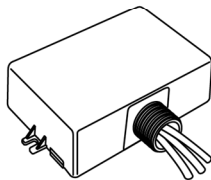


Control Commands and Presets

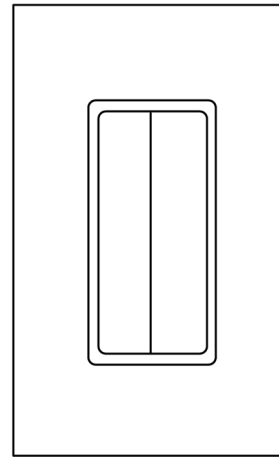


Tap ON
Press and Hold to Raise*

Tap OFF
Press and Hold to Lower*

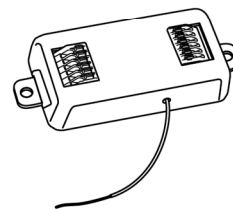


*Requires single-channel controller



Scene A or
Warm Color*

Scene B or
Cool Color*



*Requires dual-channel controller

How to Order

Model No.	Description
PSC-EO-WS-100-BLE	Wireless Single Rocker, 2 Buttons, Self-Powered Dimming Wall Controller, Bluetooth
PSC-EO-WS-400-BLE	Wireless Dual Rocker, 4 Buttons, Self-Powered Dimming Wall Controller, Scene Control, Bluetooth

Design and specifications are subject to change without notice.