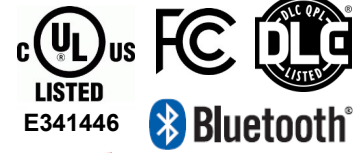
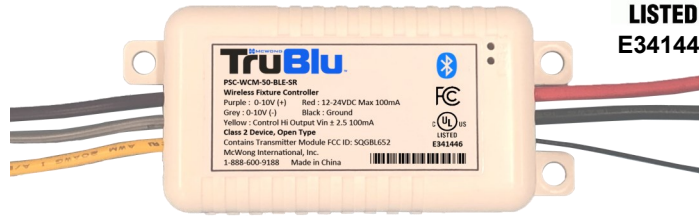


PSC-WCM-50-BLE-SR | Wireless Single Channel Fixture Controller

Overview

- Bluetooth® SIG mesh
- 1 Channel of 0-10 Dimming
- Active High Output for Relay drive
- High-End Trim, Zoning, Continuous Bi-level Dimming
- Energy Monitoring and Scheduling with TruBlu™ Gateway
- Technology Partner SILVAIR



Suitable for Indoor Use Only

Applications

The PSC-WCM-50-BLE-SR Wireless Fixture Controller allows for one channel of 0-10 dimming, and high relay control. This unit is controlled wirelessly via Bluetooth® Mesh technology allowing for wireless dimming of LED lighting. The compact size allows for seamless integration to the fixture.

Wireless Control Operation

TruBlu™ Mesh Controls: Qualified for Bluetooth Mesh 1.0.1 (SIG), the unit can pair with an iOS application to allow initial setup and subsequent adjustments. End users can program dimming levels and group multiple controllers into a Bluetooth® Mesh system for simultaneous wireless lighting control.

1 Channel Dimming: allows for one 0-10 dimming channel for driver control.

Relay Control: High control output can be used to trigger relays or other control circuitry.

See TruBlu™ Commissioning User Manual for more info.

Accessories

Power Pack: The PSC-WCM-50-BLE-SR operates on 12-24 VDC input and requires a separate power pack such as the PacWave™ PSC-AC-PP-200/400/700C/800/900.

Alternatively, the unit can also operate with a driver that has an auxiliary output (12 V).

Summary

Product Type:
Wireless Fixture Controller

Input Voltage | Current Consumption:
12-24 VDC | 100 mA

0-10V Output: 100 mA

High: Vin-2.5 V 100 mA source

Mounting:
Fixture mount

Max Bluetooth Range¹:
49 ~ 65ft (15 ~ 20m)

Operating Temperature:
-30° C to 70° C

Storage Temperature:
-40° C to 85° C

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

Color: White

Warranty: 5 years

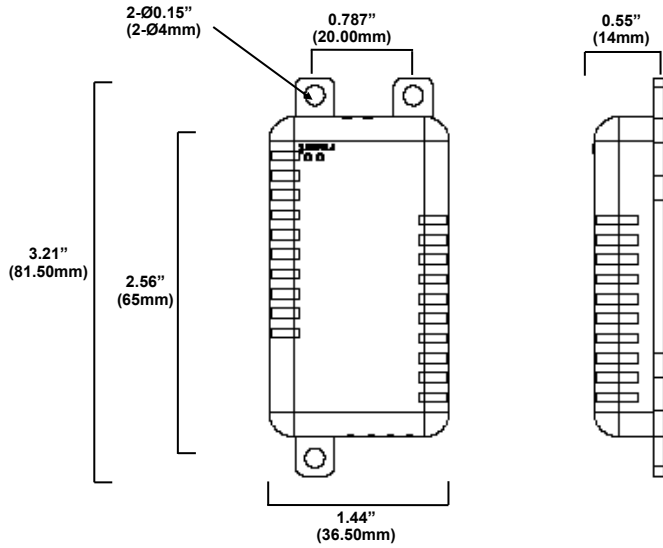
Note:

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

How to Order

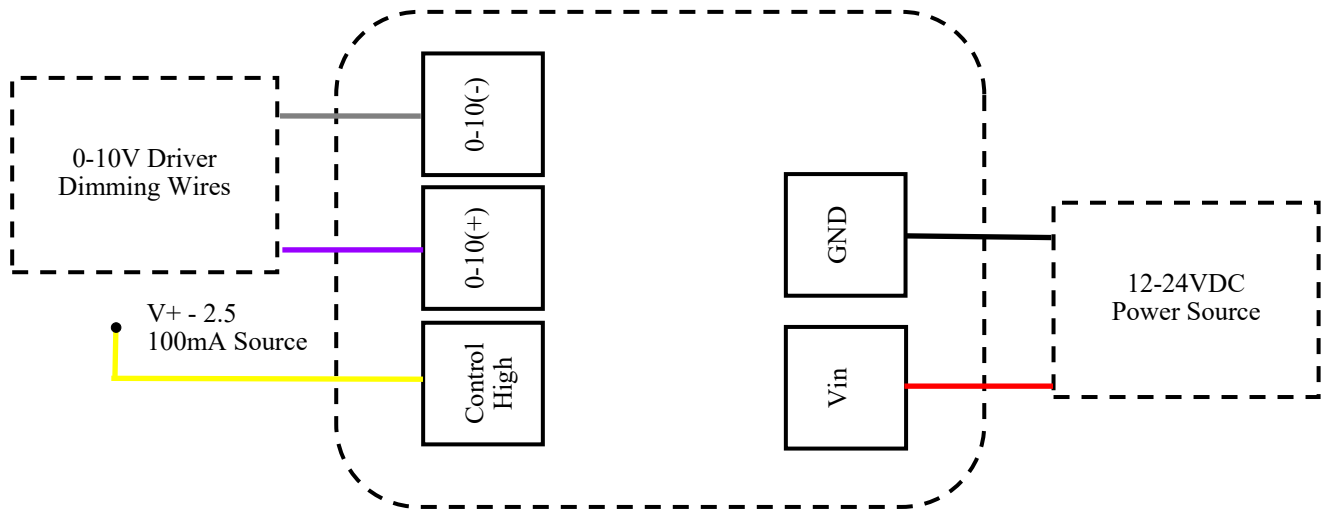
Model No.	Description	Input Voltage	Output
PSC-WCM-50-BLE-SR	Fixture Controller, Single Channel, Bluetooth Mesh in TruBlu™	12-24VDC	Control High 0-10V Dimming

Physical Dimensions



Drawings are Not to Scale

Wireless Block Diagram:



Design and specifications are subject to change without notice.