

# PSC-WCM-60-XX | Single Channel Wireless Fixture Control Module

## Overview

- 1 Channel of 0-10 Dimming
- Active High Output
- Active High Sensor Input
- Bluetooth Mesh Enabled



## Applications

The PacWave™ Wireless Fixture Controller allows for one channel of 0-10 dimming, high relay control, sensor input, and is made to fit into a Bluetooth mesh system. This unit is controlled wirelessly via Bluetooth® Mesh module allowing for wireless dimming of LED lighting and seamless integration of Bluetooth® Mesh software solutions. The small physical size allows for this unit to be placed within the fixture.

## Wireless Control Operation

End users can program dimming levels and group multiple controls into a Bluetooth® Mesh system for simultaneous wireless lighting control.

**1 Channel Dimming:** allows for one 0-10 dimming channel for driver control. The controller allows for Bluetooth® Mesh system pairing with Bluetooth® Mesh system providers.

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

**Sensor Input:** 12VDC sensor input for interfacing sensors into Bluetooth® Mesh system.

## Accessories

**Power Pack:** The PSC-WCM-60-EC-XX operates on 12-24VDC input and requires a separate power pack such as the PacWave™ PSC-AC-PP-200/300/400/700C.

This power pack incorporates a high current relay and a high voltage transformer which can accept universal input (100-305VAC).

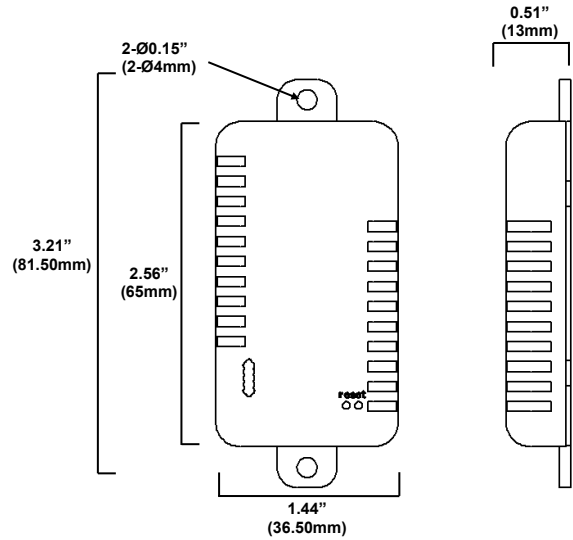
## How to Order

Model No.	Description	Input Voltage	Output	Input
PSC-WCM-60	Wireless Fixture Controller Module	12-24VDC	Control High 0-10V Dimming	Sensor Input
PSC-AC-PP-200	Dimming Power Pack for Fixture Mount	100-277VAC	12.5VDC	
PSC-AC-PP-700C	Power Pack for Fixture Mount	100-277VAC	12.5VDC	
PSC-AC-PP-400	Power Pack for Fixture Mount no Relay	100-277VAC	12.5VDC	
<b>Add Suffix for options:</b>				
-BLE	For PacWave Standalone Bluetooth Enabled Version			
-BLE-SR / -BLE-FSR	For Bluetooth Mesh in TruBlu™ Enabled Version / For Bluetooth Mesh in Future-Silvair Enabled Version			
-BLE-CB	For Bluetooth Mesh in Casambi Enabled Version			

e.g. **PSC-WCM-60-BLE-SR** : with [Bluetooth Mesh in TruBlu™ Enabled Version](#)

Summary	
Product Type	Wireless BLE Fixture Controller
Input Voltage	12-24 VDC
0-10V Dimming	100 mA sink, up to 50 LED source drivers
High	Vin-2.5 V 100 mA source
Sensor Input	12VDC Input
Max Bluetooth Range*	49 ~ 65ft (15 ~ 20m)
Operating Temperature	-40° C to 85°C
Storage Temperature	-40° C to 85°C
Relative Humidity	90-95% non-condensing at 30°C
Mounting	Fixture or ceiling mount
Color	White

**Physical Dimensions**



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

Drawings are Not to Scale

**Wireless Controller Block Diagram:**

