

Ingy Mesh Single Channel 10A Fixture Controller

Overview

- 1 Channel 0-10VDC Dimming
- Mounts To Electrical Box Or Light Fixture
- Compatible with Ingy Wirepas Mesh Systems
- High-End Trim, Zoning, Continuous Dimming
- Relay With Zero-Crossing
- 120-277VAC Input Voltage



Suitable For Indoor Use

Applications

The Wireless Fixture Controller (PSC-WCM-300-WPS-NG) allows for one channel of 0-10VDC dimming, and has a 10A relay for turning on and off multiple fixtures in the same zone. The unit is controlled via a Ingy Wirepas mesh system.

With input voltage of 120-277VAC, this unit has a 1/2" threaded male connector for attachment to an electrical box or fixture mounting. The unit also has two tabs for mounting,

Operation

Ingy Wirepas Mesh: The controller is compatible with a Wirepas mesh network and configured via Ingy software.

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

Relay: 10A relay to control multiple fixtures in a lighting zone.

See the Ingy Commissioning User Manual for more information.



Summary

Product Type:
Wireless Fixture Controller

Input Voltage | Current Consumption:
120-277VAC 50/60Hz | 100 mA

0-10VDC Output: 30 mA sink

Load Rating (10A Relay):
Max.10A, E. Ballast, LED, CFL
Max.10A, Resistive

Mounting:
Light Fixture or Electrical Box.

Max Wireless Range¹:
100ft (30.4m)

Operating Temperature:
-40° C to 40° C

Storage Temperature:
-40° C to 85° C

Relative Humidity:
90-95% non-condensing

Color: White

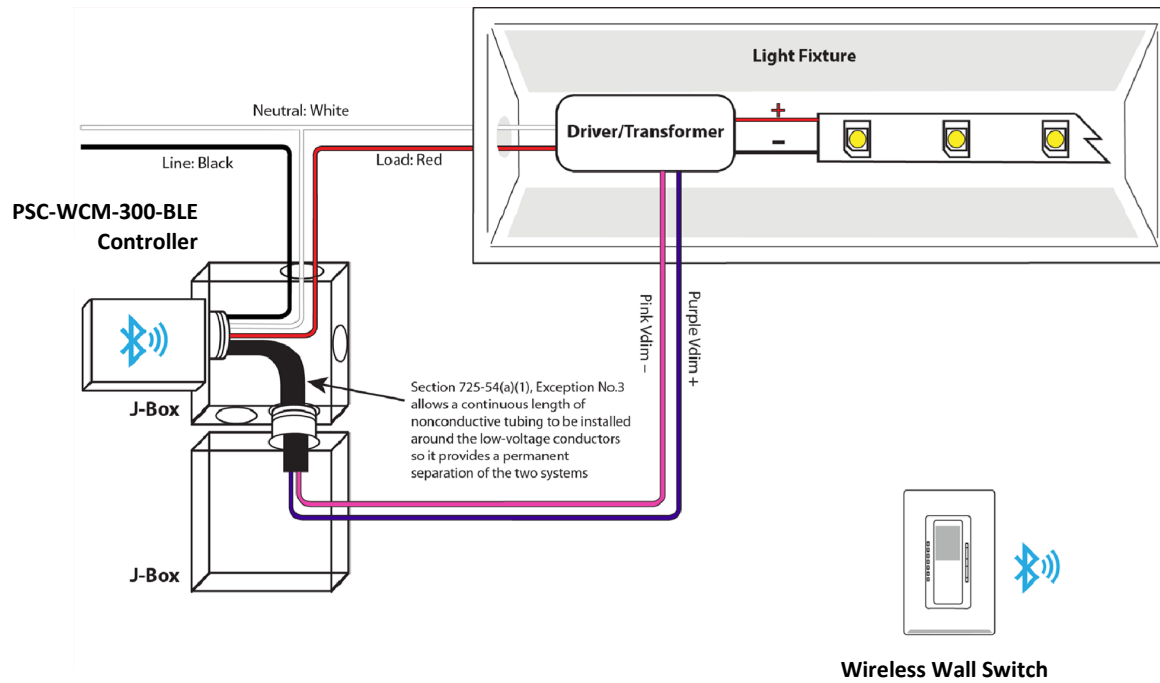
Warranty: 5 years

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

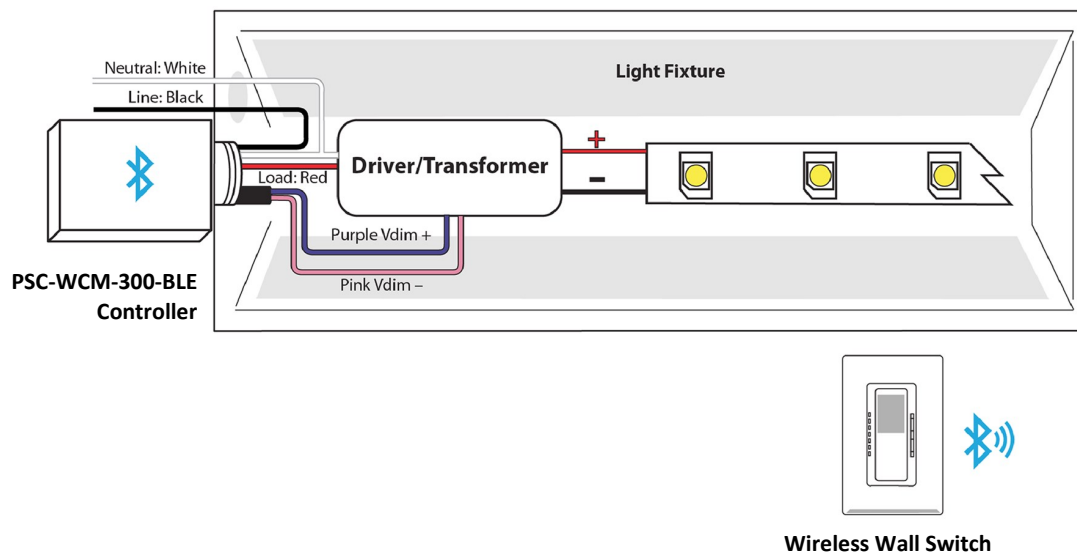
Project

Location/Type

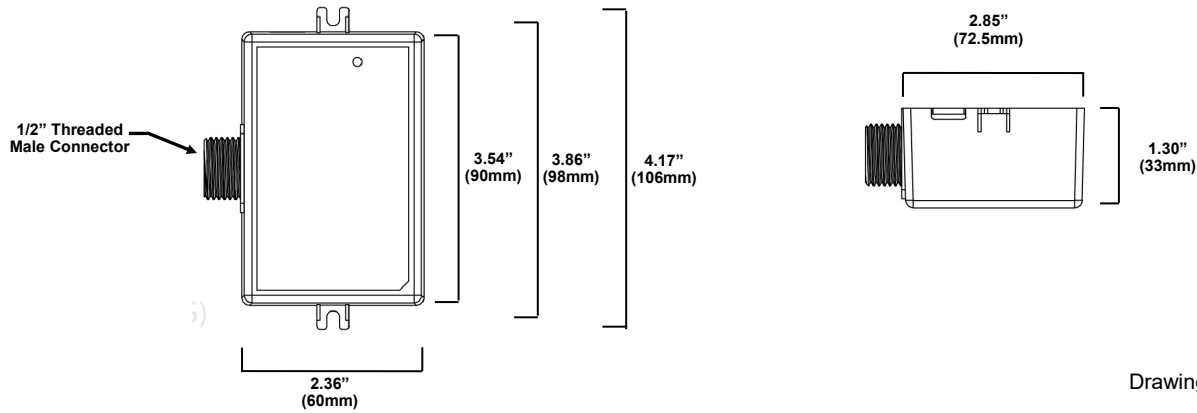
Wiring Example Application: Controller Mounted On Electrical Box



Wiring Example Application: Controller Mounted On Fixture



Physical Dimensions



Wiring Table

Wire	Designation	Notes	Size
Black	Line Input	Connect to Line Power	#14 AWG, 180+/-20mm, Strip 10mm Tin Plated
White	Neutral Input	Connect to Neutral Power and Luminaire Power Input	
Red	Load Output	Connect to Luminaire Power Input	
Purple	0-10V+ Dim Output	Connect to Luminaire Dim Input (0-10V+)	#22 AWG, 180+/-20mm, Strip 10mm Tin Plated
Pink	0-10V- Dim Output	Connect to Luminaire Dim Input (0-10V-)	

How to Order

Model No.	Description	Input Voltage	Relay	Dimming Output	Aux. Output	Sensor Input
PSC-WCM-300-WPS-NG	Ingy Wirepas Mesh Wireless Line Voltage Fixture Controller	120-277VAC	10A	0-10V, 30mA	NA	NA

Design and specifications are subject to change without notice.