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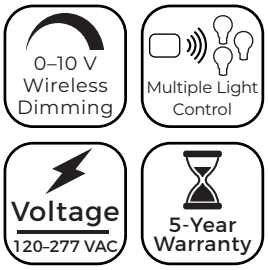
Vealite Series

0–10 V Wireless Dimming System

Project_____

Date_____Type_____



Description

Vealite RF dimming modules uses radio frequency to wirelessly control 0–10 V LED dimmable light fixtures for easy and more convenient installation without any sacrifice to functionality. Modules receive input from compatible RF wireless wall switch dimmers and/or occupancy sensors creating a convenient, adaptable, and energy-saving control system. Allows multiple lights to be controlled from one or more sensors or switches.

Dimming Module Features

- Module mounts through 1/2" trade size knock-out on a junction box or compatible fixture
- Up to 10 A input current per module allows one module to operate multiple lights
- Transmission/reception range up to 98.4 ft (30 m)
- 433 MHz transmission frequency
- Operating Temperature of -40°–113° F(-40°–45° C)
- IP20 rated for damp or dry conditions
- Module pairs with up to five WP4013

Dimmer Switch Features

- Requires 1 CR2032 battery (not included)
- Transmission/reception range up to 98.4 ft (30 m)
- 433 MHz transmission frequency
- Operating temperature of -40°–113° F (-40°–45° C)
- IP20 rated for damp or dry conditions

Available Models

Dimming Module

☐ PPA401S

Controls[1]

☐ WP4013 (wall dimming switch)

Certifications

The dimming module is UL Listed.

UL LISTED

Application

Wireless dimming allows simplified and convenient control systems for a wide variety of applications including warehouses, garages, classrooms, hospitals, offices, conference rooms, basements, and any other places where commercial downlights or low/high bay lights are common.

Warranty

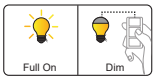
Five (5) Year Warranty

Specifications

General Specifications	
Operating Temperature	-40°–113° F (-40°–45° C)
IP Rating	IP20
Radio Frequency	433.96 MHz
RF Range	98.4 ft (30 m)
PPA401S Specifications	
Input Voltage	120–277 VAC
Max. Output Current	10 A
Dimming	0–10 V
WP4013 Specifications	
Battery Type	CR2032 (x1, not included)

Functions

Dimming
Gives occupants the ability to set the light levels.



Personal dimming control
Gives occupants the ability to set the light levels.

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[1]At least one control is required in order to use dimming module.

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Specifications are subject to change without notice.
Printed in the U.S.A.

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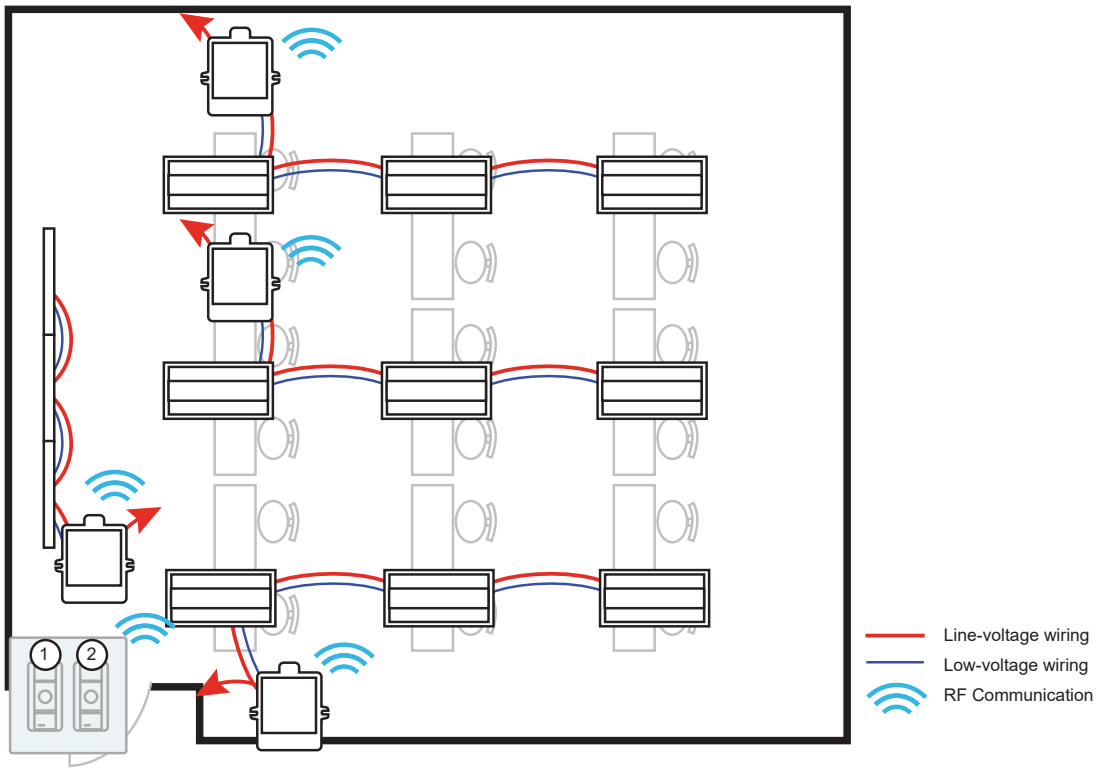
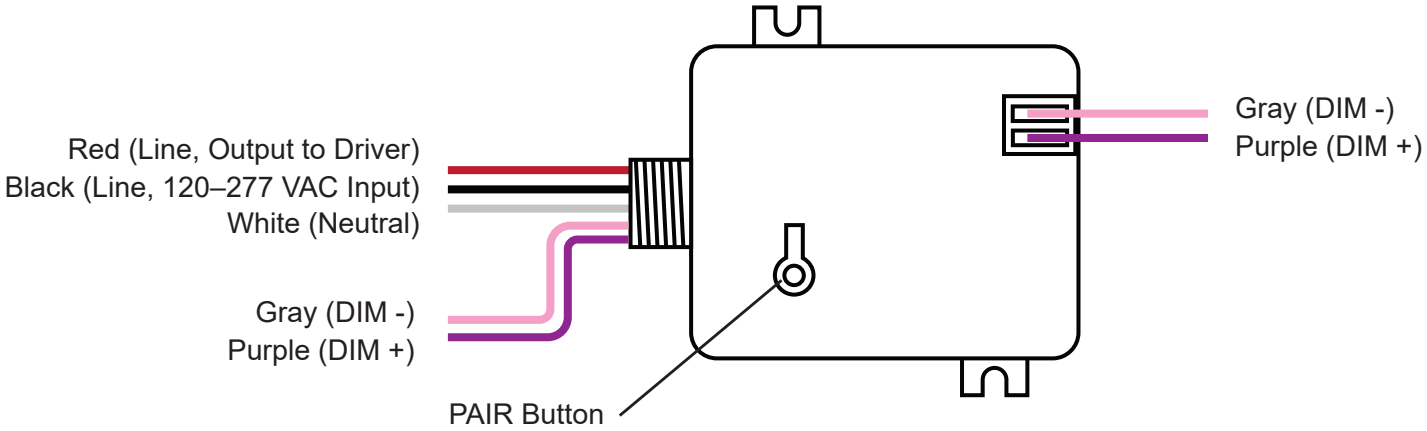
Typical Installation Diagram



Dimming Module Wiring



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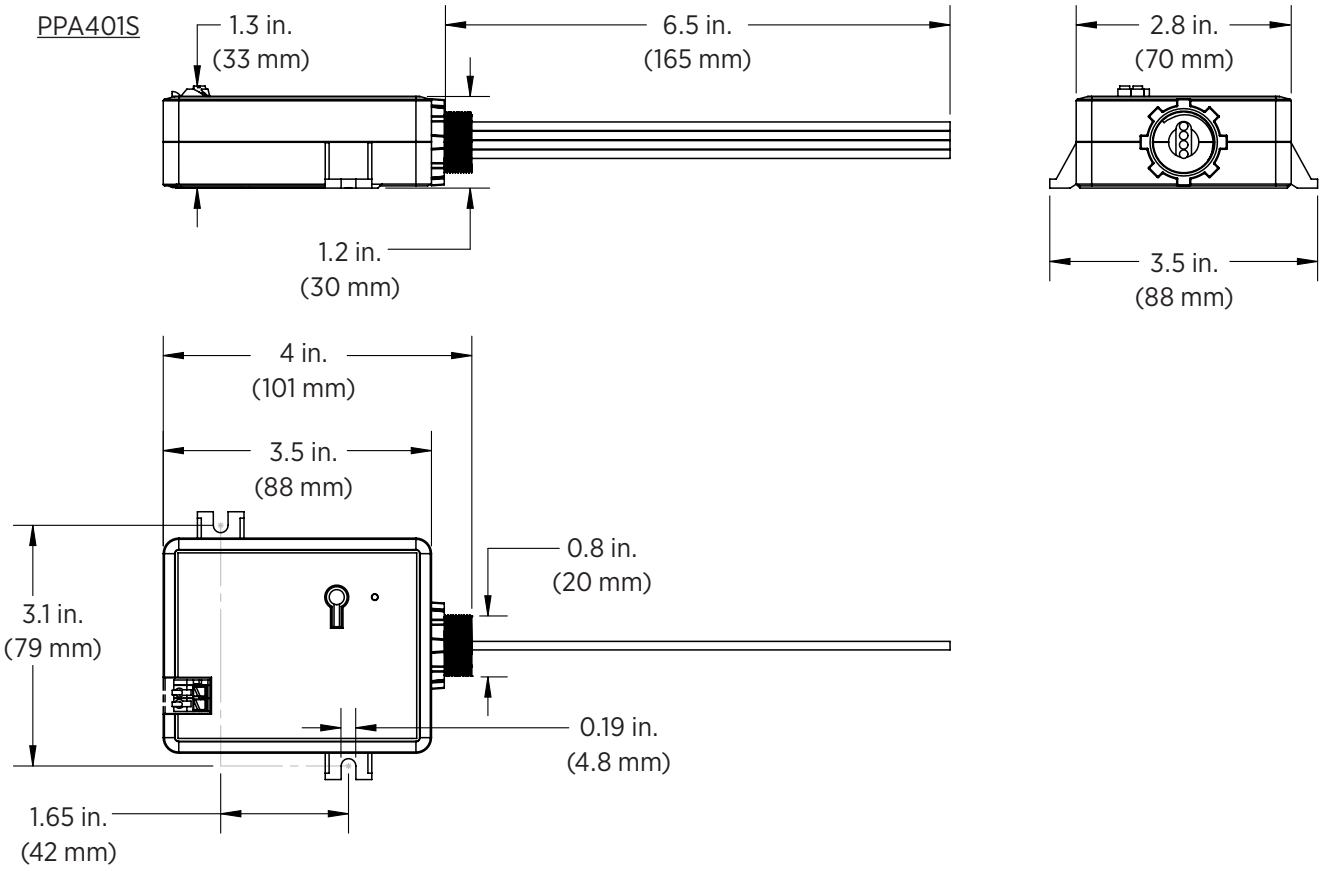
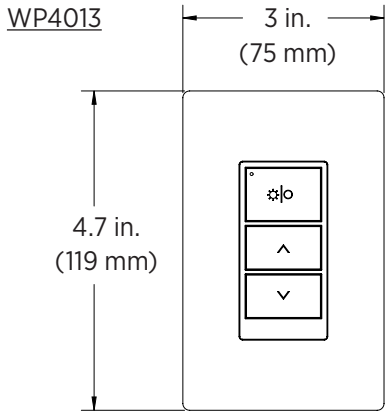
Dimensional Drawing





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