Catalog Number: | Date: | Project:

OVERVIEW

The push-button Dimming Switchpod Series of wall stations are a cost effective solution for commercial and residential lighting applications. Additionally, all sPODMRD sensors have a patent pending wiring method that enables them to function either with or without a neutral connection. sPODMRD units come preconfigured for wiring without a neutral, however, if a connection to neutral is required by code, contractors can convert the unit in seconds.

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SPODMRD
Dimming Switchpod

Warranty
Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/resources/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice

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ORDERING INFORMATION

sPODMRD											Example: sPODMRD 347 WH
Series		**eldoLED**		**Voltage**		**Color**[4]		**Max Dim Level**[6]		**Min Dim Level**[6]	
sPODMRD[2]	Dimming Switchpod	[blank]	None	[blank]	120/277 VAC	WH	White	[blank]	10 VDC	[blank]	0 VDC
		EZ[1]	eldoLED Driver Compatibility	347[3]	347 VAC	IV	Ivory	9H	9 VDC	1V	1 VDC
						GY	Gray	8H	8 VDC	2V	2 VDC
						AL	Light Almond	7H	7 VDC	3V	3 VDC
						BK	Black				
						RD[5]	Red				

		4V	4 VDC
		5V	5 VDC
		6V	6 VDC

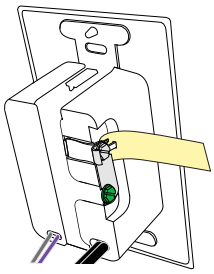
Note:
1. Max Dim Level default set to 9.1VDC. Min Dim Level default set to 1.5VDC.
2. 3-way switching not supported.
3. Wall plated included for white or ivory only for 347 VAC units.
4. Matching wall plate provided for 120/277 VAC units.
5. Special Order.
6. For setting other than default, minimum order quantity of 30 units.

WIRING

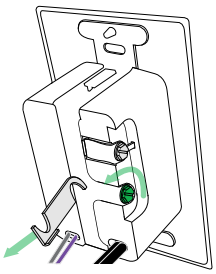
CONVERSION FROM GROUND ONLY (NO NEUTRAL) TO NEUTRAL WIRING

This product is pre-configured for wiring without a neutral; however, if connection to neutral is required by code, the unit easily converts in seconds.

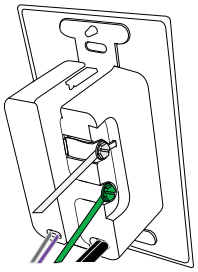
Step 1:
Remove Yellow Label



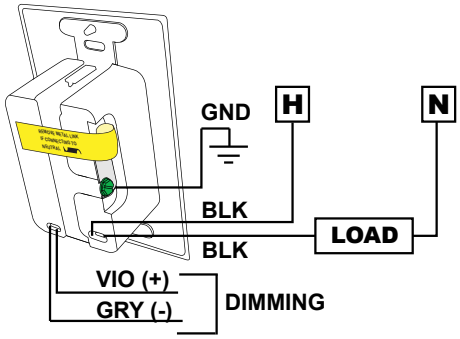
Step 2:
Loosen Screws and Remove Metal Link



Step 3:
Connect Neutral to Silver Screw and Ground to Green Screw



WIRING TO GROUND (NO NEUTRAL)



WIRE COLOR KEY

120/277 VAC WIRING

BLACK* - Line Input
BLACK* - Load Output
} *BLACK wires can be reversed

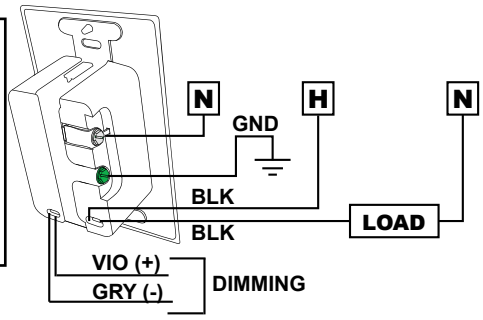
VIOLET - Low Voltage Dim Output (0-10 VDC)

GRAY -Low Voltage Common

347 VAC WIRING (-347 Option)

Red wires replace Black wires.

WIRING TO NEUTRAL



NOTES:

- Per NEC requirements, the 0-10V violet and gray wires must be installed as Class One.
- The 0-10V control wires must not exceed 250 ft (76 m) in length and must be sized at no less than 20 AWG.

OPERATIONAL SETTINGS

2= Time Out

Time after which light will turn Off. One minute prior to expiration, LED on dimmer will begin blinking and the light level in the space will adjust to 3 VDC.

1 = Off*	5 = 60.0 min	9 = 720.0 min
2 = 10.0 min	6 = 90.0 min	
3 = 15.0 min	7 = 120.0 min	
4 = 30.0 min	8 = 180.0 min	

9= Restore Defaults

Returns all functions to original settings.

1 - Maintain Current*

2 - Restore Defaults

15= Dimming Range Max (High Trim)

The maximum output level of the sensor.

1 - 0 VDC	5 - 3 VDC	9 - 7 VDC	13 - 10 VDC*
2 - 1 VDC	6 - 4 VDC	10 - 8 VDC	
3 - 1.5 VDC	7 - 5 VDC	11 - 9 VDC	
4 - 2 VDC	8 - 6 VDC	12 - 9.1 VDC**	

**Default for EZ option

16 = Dimming Range Min (Low Trim)

The minimum output level of the sensor.

1 - 0 VDC	5 - 3 VDC	9 - 7 VDC	13 - 10 VDC
2 - 1 VDC*	6 - 4 VDC	10 - 8 VDC	
3 - 1.5 VDC**	7 - 5 VDC	11 - 9 VDC	
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**Default for EZ option

19 = Fade On Rate

Time rrequired for light to reach preset level.

1 - 0.75 sec*	3 - 5 sec
2 - 2.5 sec	4 - 15 sec

20 = Fade Off Rate

Time required for light to turn Off.

1 - 0.75 sec	3 - 5 sec
2 - 2.5 sec*	4 - 15 sec

21= Start Level

Level of light output when switched on.

1 - 10%	5 - 50%	9 - 90%
2 - 20%	6 - 60%	10 - 100%*
3 - 30%	7 - 70%	
4 - 40%	8 - 80%	

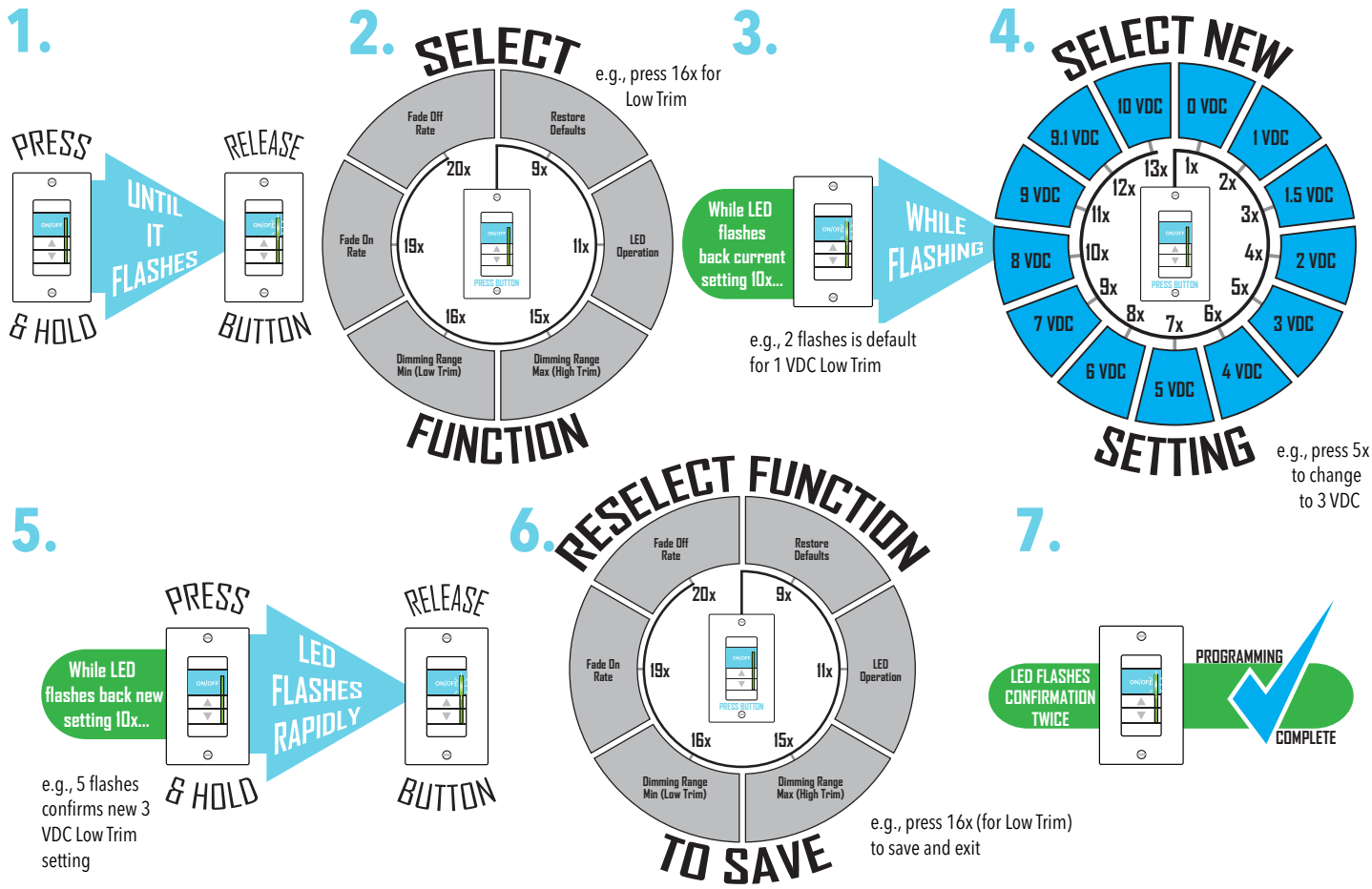
* Default Setting

SPECIFICATIONS

Electrical	**Input Ratings**	12-24VAC/VDC, 5mA
	Output Ratings	Sinks <20mA - 800 W @ 120VAC - 1200 W @ 277VAC - 1500 W @ 347VAC
Mechanical	**Dimensions**	2.74"H x 1.68"W x 1.63"D (70mm x 43mm x 41mm) - does not include ground strap
	Mounting	Single-Gang Box or Low Voltage Ring
	Connection Type	Low Voltage Leads
Environmental	**Warrantied Operating Temperature**	-22°F to 185°F (-30°C to 85°C)
	Relative Humidity	Up to 90%, Non-Condensing
	Standards/ Ratings	RoHS
General	**Standards/ Ratings**	CEC Title 20

PROGRAMMING INSTRUCTIONS

Operational settings can be changed via the push-button sequence outlined below (note the example used is for changing the Low Trim setting).



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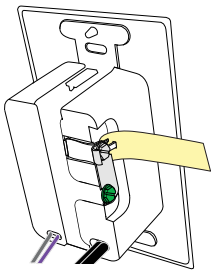

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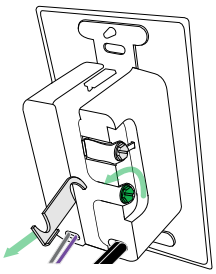

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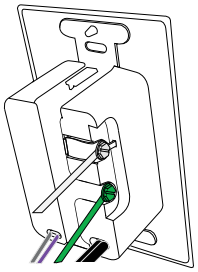

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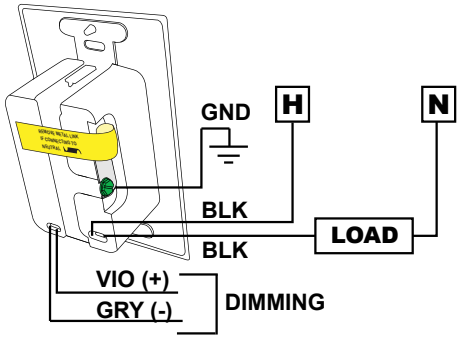

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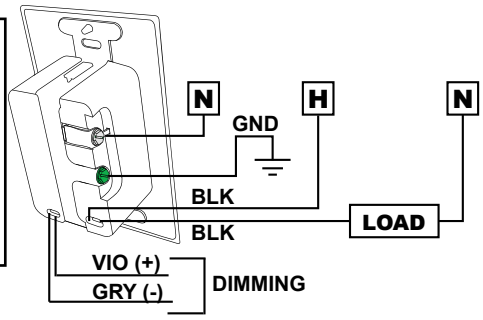

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