

0-10V POWER SUPPLIES

24VDC, STATIC WHITE & WARM DIM POWER SUPPLY

REV 09.21.23



DESCRIPTION

Accepts input voltage in a range of 120 - 277VAC and outputs 24VDC power up to 96 watts. Can be used as a dimmable or non-dim Power Supply. The low voltage output dims down to .1% (7% Warm Dim) when two additional wires are connected to a 0-10V dimmer. The enclosure provides a space inside for electrical connections. In-Wall Power Supply Kit includes power supply, box cover and stud hangers for installing a junction box within the wall. Power Supply features short circuit and overload and over temperature protection. Indoor applications only. For custom quotes and layout assistance, send your drawings and ideas to our design team: design@PureEdgeLighting.com.

APPLICATIONS

Indoor*

*To avoid overheating the power supply, install it in a ventilated remote location where air flows. Maintain proper spacing among power supplies when multiple power supplies are installed in the same remote location

POWER INPUT

120-277 volts AC, 50/60Hz

POWER OUTPUT

Class 2; 24 volts DC 4A

EFFICIENCY

85%

AMBIENT OPERATING TEMPERATURE

-25C to 40C

0-10V DIMMER COMPATIBILITY

Lutron: Radio RA2 (with GRX-TVI), Grafik Eye Qs (with GRX-TVI), Diva (with PP20); Nova T
Philips: Sunrise SR1200ZTUNV
Leviton: IP710-DL

DIMMING CURVE

Linear Dim Curve down to 0.1% (7% Warm Dim)

STANDARD MOUNTING

Surface mounted with knock-outs for conduit access

T-BAR MOUNTING KIT

Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.

IN-WALL MOUNTING KIT

Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

COMPLIANCE

Made in the USA, RoHS, ETL, CE

Product	Wattage	Dimming	Voltage	Options
PSB	96W	010	24VDC	STANDARD (Leave Blank)
PSB Power Supply with Enclosure Box	96W 96 Watt 2x96W 2x96 Watt	010 0-10 Volt Dimming	24VDC 24 Volt DC	IW In-Wall Kit TB T-Bar TBCP T-Bar Chicago Plenum

ORDERING CODE	PSB-96W-010-24VDC	PSB-2X96W-010-24VDC
SPECIFICATIONS		
MAXIMUM LOAD	96W	2X96W
INPUT VOLTAGE	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC
DIMENSIONS	9.25" X 3.5" X 2"	12.15" X 6.48" X 2.18"
T-BAR MOUNTING	PSB-96W-010-24VDC-TB	PSB-2X96W-010-24VDC-TB
IN-WALL MOUNTING	PSB-96W-010-24VDC-IW	PSB-2X96W-010-24VDC-IW
T-BAR CHICAGO PLENUM	PSB-96W-010-24VDC-TBCP	PSB-2X96W-010-24VDC-TBCP

PROJECT		FIXTURE TYPE		DATE	
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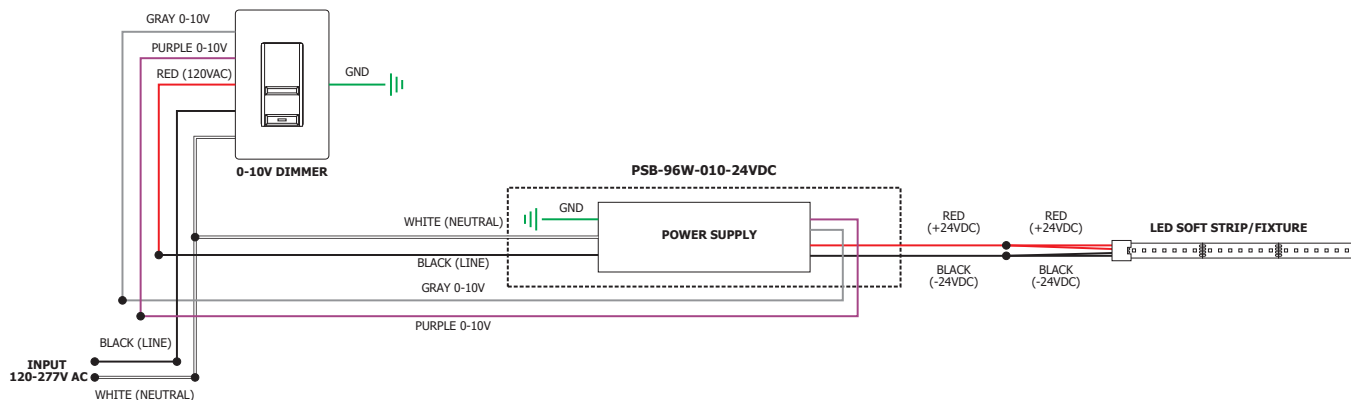
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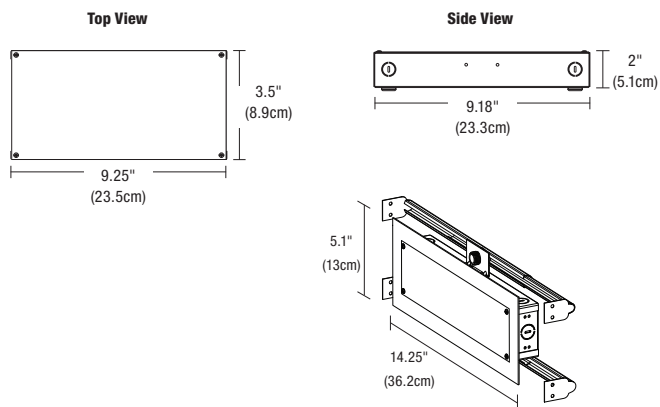
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APPLICATION: 0-10V dimming for LED Strip

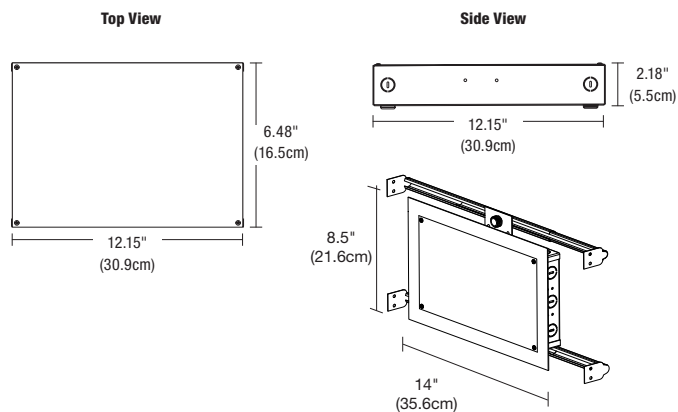
0-10V WIRING DIAGRAM



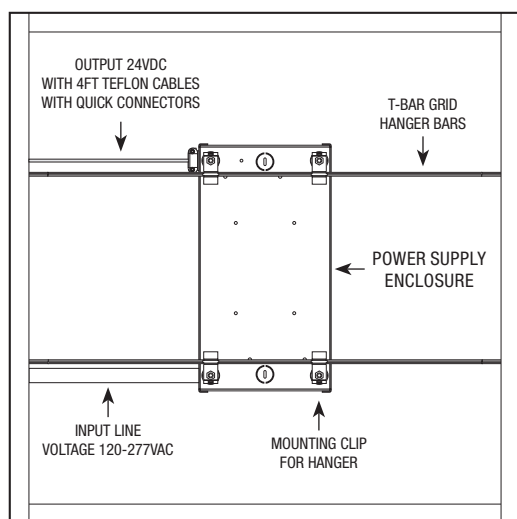
96W



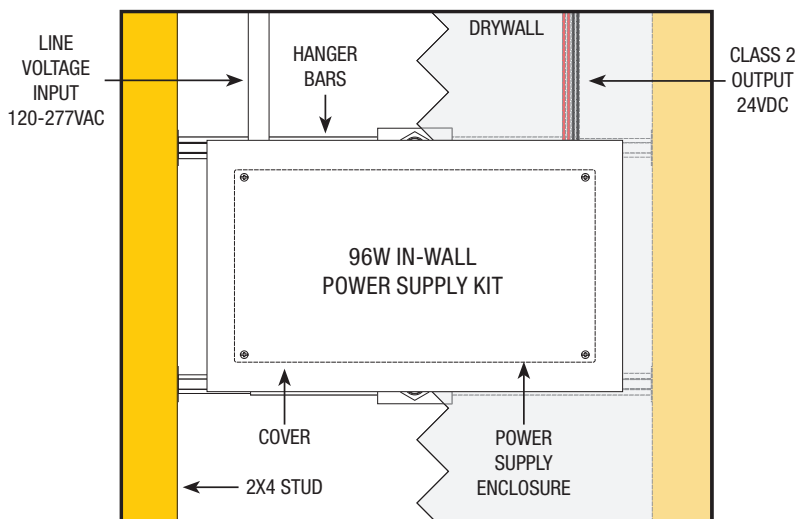
2X96W



T-BAR GRID CEILING



IN WALL KIT



PROJECT		FIXTURE TYPE		DATE	
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