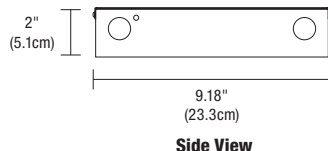
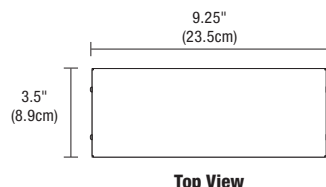


48VDC UNIVERSAL POWER SUPPLIES

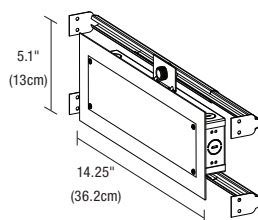
UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM



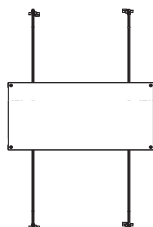
PSB-96W-UNI-48VDC



PSB-96W-UNI-48VDC-IW



PSB-96W-UNI-48VDC-IW



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.

Ordering Code: PSB-96W-UNI-48VDC-TB
PSB-2X96W-UNI-48VDC-TB

DESCRIPTION

Accepts input voltage in a range of 120 - 277VAC and outputs 48VDC power up to 96 watts. Can be used as a dimmable or non-dim Power Supply. Dims down 0.1% with an ELV dimmer or a 0-10 volt dimmer when two additional wires are connected to the 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 Junction Box in 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.

MOUNTING

Surface mounted with conduit access

POWER INPUT

120-277 volts AC, 50/60Hz

POWER OUTPUT

Class 2; 48 volts DC 2A, 96 watts maximum

EFFICIENCY

85%

DIMENSIONS

PSB-96W-UNI-48VDC: 9.25" x 3.5" x 2"

PSB-96W-UNI-48VDC-IW: 14.25" x 5.1" x 2.1"

PSB-2X96W-UNI-48VDC: 12.15" X 6.48" X 2.18"

PSB-2X96W-UNI-48VDC-IW: 14" X 6.48" X 8.5" X 2.18"

AMBIENT OPERATING TEMPERATURE

-25C to 40C

ELV DIMMER TYPE

Legrand: Adorne ADTP703TU, Radiant RH703TPU

Lutron: Diva DVELV-300P, Skylark SELV-300P,

Maestro MAELV-600 and Radio RA 2

0-10 DIMMER TYPE

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, 100% - 0.1%

Product	Wattage	Dimming	Voltage	Options
PSB	96W	UNI	48VDC	STANDARD (Leave Blank)
PSB Power Supply with Enclosure Box*	96W 96 Watt 2X96W 2x96 Watt	UNI Universal Power Supply	48VDC 48 Volt DC	IW In-Wall Kit TB T-Bar TBCP T-Bar Chicago Plenum

The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:

Triac Dimmer : (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers

ELV Dimmer : (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supply's used for LED lighting

0-10 Dimmer : Dims the Low Voltage side of a 0-10 volt power supply commonly used in large scale lighting or commercial applications.

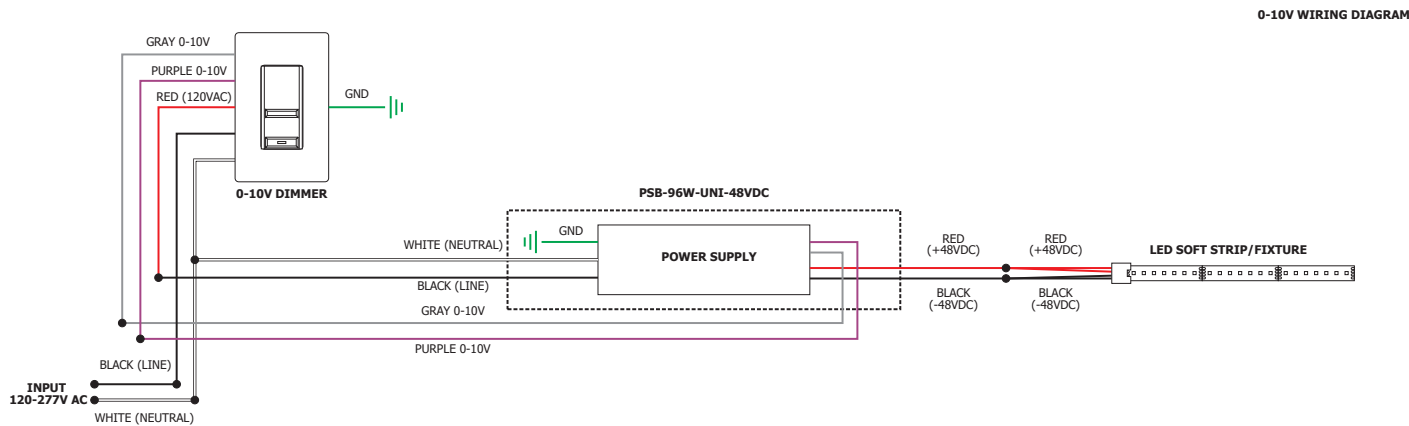
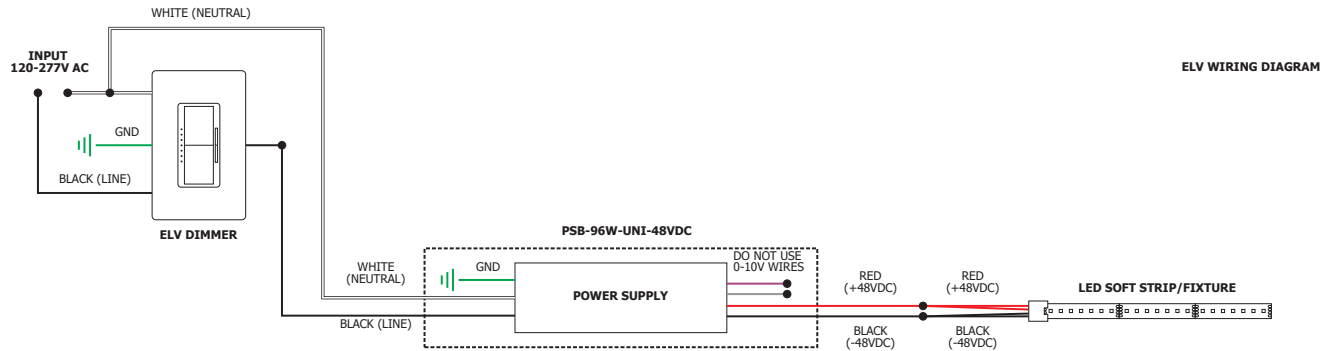
*Title 24 with JA8 listed PureEdge products and systems.

The Uni-Power Supply is recommended with any Siemens/Murray brand of arc fault breaker to overcome the issues with tripping the breakers with ELV Low Voltage Drivers.

PROJECT	FIXTURE TYPE	DATE
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48VDC UNIVERSAL POWER SUPPLIES

UNIVERSAL DIMMING (ELV, TRIAC, 0-10V) STATIC WHITE & WARM DIM



PROJECT		FIXTURE TYPE		DATE	
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