



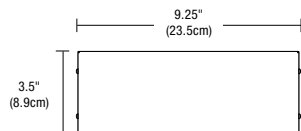
PSB-100W-ELV-24VDC: 96 WATT 24 VOLT DC POWER SUPPLY

REV 03.05.19

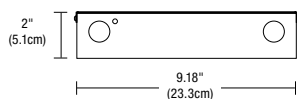
DESIGNED BY GREGORY KAY | MADE IN USA



PSB-100W-ELV-24VDC



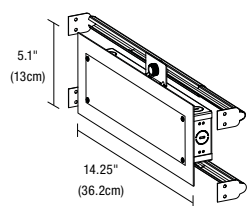
Top View



Side View



PSB-100W-ELV-24VDC-IW



PSB-100W-ELV-24VDC-IW

Description:

Accepts input voltage of 120VAC and outputs 24VDC power up to 96 watts. Can be used as a dimmable or non-dim Power Supply*. 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.

**Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker.*

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.

Ambient Operating Temperature:

-30C to 90C

Power Input:

120VAC, 50/60Hz

Power Output:

Class 2; 24 volts DC 4A, 96 watts maximum

Efficiency:

85%

Inrush current:

<1mA at 120 or 240/277 VAC input

Dimensions:

PSB-100W-ELV-24VDC: 9.25" x 3.5" x 2"

PSB-100W-ELV-24VDC-IW: 14.25 x 5.1" x 2.1"

Dimmer Type:

Legrand: Adorne ADTP703TU

Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio RA 2

Product	Wattage	Dimming	Voltage	Options
PSB	100W	ELV	24VDC	Standard (Leave Blank)
<small>PSB Power Supply with Enclosure Box</small>	<small>100W 96 Watt</small>	<small>ELV Electronic Low Voltage Dimming</small>	<small>24VDC 24 Volt DC</small>	<small>IW In-Wall Kit</small>

96W, 24VDC LOW VOLTAGE WIRE SIZE CHART: 3% VOLTAGE DROP

WIRE LENGTH (FT)	UP TO 33FT	34FT-52FT	53FT-86FT	87FT-130FT
WIRE SIZE	14 AWG	12 AWG	10 AWG	8 AWG
VOLTAGE AT END OF WIRE	23.28VDC	23.29VDC	23.28VDC	23.28VDC

PROJECT		FIXTURE TYPE		DATE	
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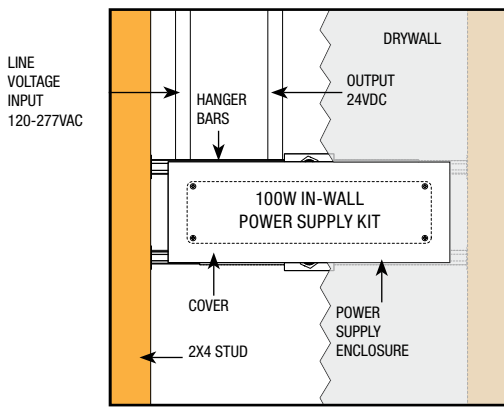
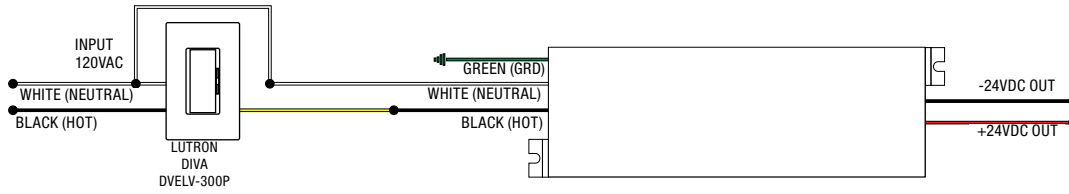


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Application: Electronic low voltage dimming for Soft Strip



PSB-100W-ELV-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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