



# PSB-96W-010-24VDC

96 WATT 24 VOLT DC POWER SUPPLY

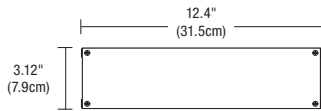


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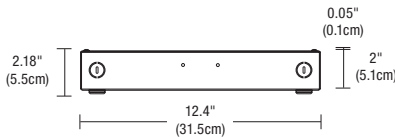
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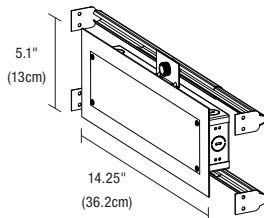
Top View



Side View



PSB-96W-010-24VDC-IW



PSB-96W-010-24VDC-IW

### 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% 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 Junction Box in wall. Power Supply features short circuit and overload and over temperature protection. Indoor applications only.

### Listing:

UL Listed Enclosure - With Built-In Junction Boxes  
Universal Input Voltage  
0-10V Dimmable - Flicker Free Down to 1%  
No Minimum Load Requirement  
IP65 - For Both Indoor and Outdoor Use  
Ripple Free  
UL 8750 Approved  
Class 2, Class P  
Auto-Reset Protection for Short Circuit and Over-Temperature  
Over Load Protection - CC Mode

### 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.

### Dimensions:

PSB-96W-010-24VDC: 12.4" x 3.12" x 2.18"  
PSB-96W-010-24VDC-IW: 14.25" x 5.1" x 2.1"

### Mounting:

Surface mounted with conduit access

### Efficiency:

>87% Max

### Power Input:

Input Voltage Range: 120V- 277V ± 10%  
Input Frequency: 50 / 60Hz  
Input current: 0.96A Max  
Inrush Current: 5A Max @ 120v  
Efficiency: >87% Max  
Power Factor: >0.95  
THD: <20%

### Ambient Operating Temperature:

-25C to 40C

### Power Output:

Output Voltage: 24VDC  
Output Current: 4100mA Max  
Output Current Ripple: >3%  
Line Regulation: >2%  
Load Regulation: >3%  
Turn On Delay Time: >0.3 Sec

### Dimmer Type:

PHILIPS SUNRISE: SR1200ZTUNV  
LUTRON DIVA: DVTV-WH  
LUTRON PIPELINE T: NTSTV-DV-XX  
LUTRON GRAFIX EYE QS: QSGRJ-XP  
LUTRON RADIO RA2: RRD-10ND  
LEVITON: LEV40050  
LEVITON IP710-LFZ  
LEGRAND: ADPD4FBL3P2W4

### Dimming Curve:

Linear, Logarithmic 100% - 7%  
(HydraDrive)

Product	Wattage	Dimming	Voltage	Options
<b>PSB</b>	<b>96W</b>	<b>010</b>	<b>24VDC</b>	Standard (Leave Blank)
<small>PSB Power Supply with Enclosure Box</small>	<small>96W 96 Watt</small>	<small>010 0-10 Volt Dimming</small>	<small>24VDC 24 Volt DC</small>	<small>IW In-Wall Kit (14.25" x 5.1" x 2.1")</small>

PROJECT	FIXTURE TYPE	DATE
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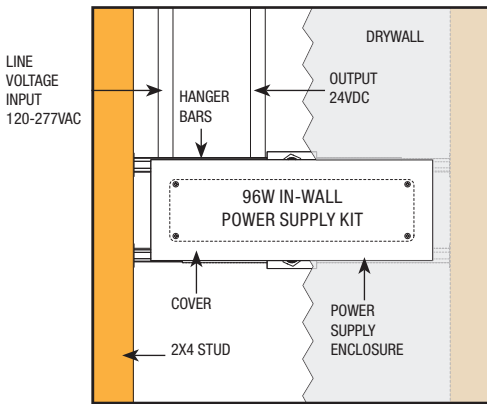
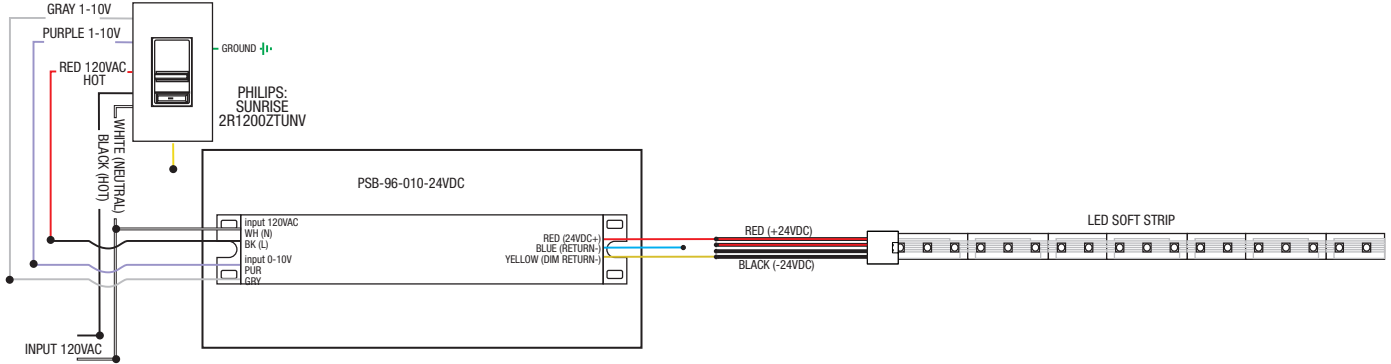
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**Application:** 0-10V dimming for LED Soft Strip



**PSB-96W-010-24VDC-IW**

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