



Complete Specification Sheet

OSLV192

Outdoor SLV192

192 Watt
24 Volt Non-Dim
Outdoor Class 2 Power Supply



Specifications

Category	Power Supplies
Series	Non-Dim
Family	192W (2 x 96W)
Input Voltage	100-277V AC
Output Voltage	24 DC Constant Voltage
Max Wattage	192W (2 @ 96W)
Storage Temp.	-40°F (-40°C) to 176°F (80°C)
Operating Temp.	-40°F (-40°C) to 140°F (60°C)
Dimming Options	None (Requires external secondary-side dimming device)

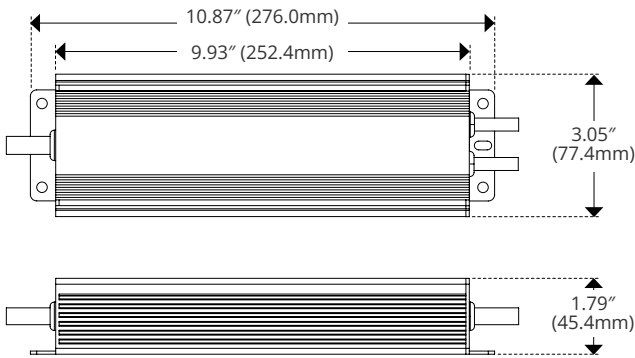
Features

- Non-Dimmable Driver
- Compatible with Color Changing and Pixel Systems
- Overload Protection/Auto Reset Short Circuit Protection
- Free Air Convection Cooling
- Suitable for Dry/Damp/Wet Location
- UL-Listed Class 2

Description

The OSLV192 is a 192 Watt (2 x 96W) outdoor-rated LED power supply designed for color changing and pixel lighting. Built to withstand harsh weather conditions, it offers high efficiency and reliable performance, making it ideal for outdoor installations. The OSLV192 seamlessly powers a wide range of Kelvix color changing and digital pixel products, ensuring consistent, dynamic lighting for creative outdoor displays.

Dimensions



Order Code



Kelvix reserves the right to update the product specifications at any time. Field modifications will void Kelvix warranty
 Conforms to UL8750. Certified to CAN/CSA Standard C22.2 NO. 250.13

Fixture Type _____

Project Name _____

Location _____



Product Details

OSLV192

SPECIFICATION

Spec	OSLV192	
Input		
Input Voltage	100 - 277V AC	
Input Current	2.3A @ 100V AC MAX	
Rated Input Voltage - No Phase Cut Dimming	100 - 277V AC	
Input Frequency	47 - 63Hz, 50/60 Typical	
Inrush Current (Cold Start)	120V AC	19A ,1.3ms @ 50% Load
	277V AC	38A ,960us @ 50% Load
General Characteristics		
Power Factor	120V AC	0.99 @ 100% Load
	277V AC	0.94 @ 100% Load
Total Harmonic Distortion	30% - 100% Load 120V AC	20%
Efficiency - Steady State	120V AC	88%
	230V AC	90%
Output		
Output Voltage	24V	
Output Current	2 x 4A	
Output Power	192W (2 x 96W)	
Voltage Tolerance	±0.5V	
Protection		
Over Loading	≤120% Hiccup mode, recovers automatically after fault condition is removed	
Over Temperature Protection	Shell surface temp. 212°F ±18°F shut down o/p voltage, automatically recover after cooling	
Short Circuit Protection	Shut down o/p voltage, re-power on to recover after fault condition is removed	
Environment		
Storage Temperature	-40°F (-40°C) - 176°F (80°C), 10% RH to 95% RH	
Ambient Operating Temperature	-40 - 140°F	
Operating Relative Humidity	20 - 95% Non Condensing	
Cooling	Convection cooling	

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Product Details

OSLV192

SPECIFICATION

Spec	OSLV192
Environment	Dry/Damp/Wet
Others	
Length	10.87" (276mm)
Width	3.05" (77.4mm)
Height	1.79" (45.4mm)
Net Weight	3.75lbs (1.7Kg)
Safety Compliance	
Certifications	UL8750, CAN/CSA-C22.2 No. 250.13, C UL US, FCC, Class 2, Class P, Type HL, SLEV, CE, RoHS
Vibration	10~500Hz, 5G 12min/1 cycle, period for 72min each along X, Y, Z axes
Withstand Voltage	I/P-O/P: 1.88KVAC, I/P-FG:1.8KVAC, O/P-FG:1.8KVAC (US)
Isolation Resistance	I/P-O/P: 100MΩ / 500VDC / 77°F / 70% RH
EMI Emission	FCC 47 CFR Part 15, Subpart B (US)
Note:	<p>1. All parameters if NOT specially mentioned are measured at 120VAC input, rated load and 77°F of ambient temperature.</p> <p>2. Tolerance: includes set up tolerance, line regulation and load regulation. 3. The power supply is considered as a component that will be operated in combination with final Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufactures must be-qualify EMC Directive on the complete installation again.</p>

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Project Name _____

Location _____

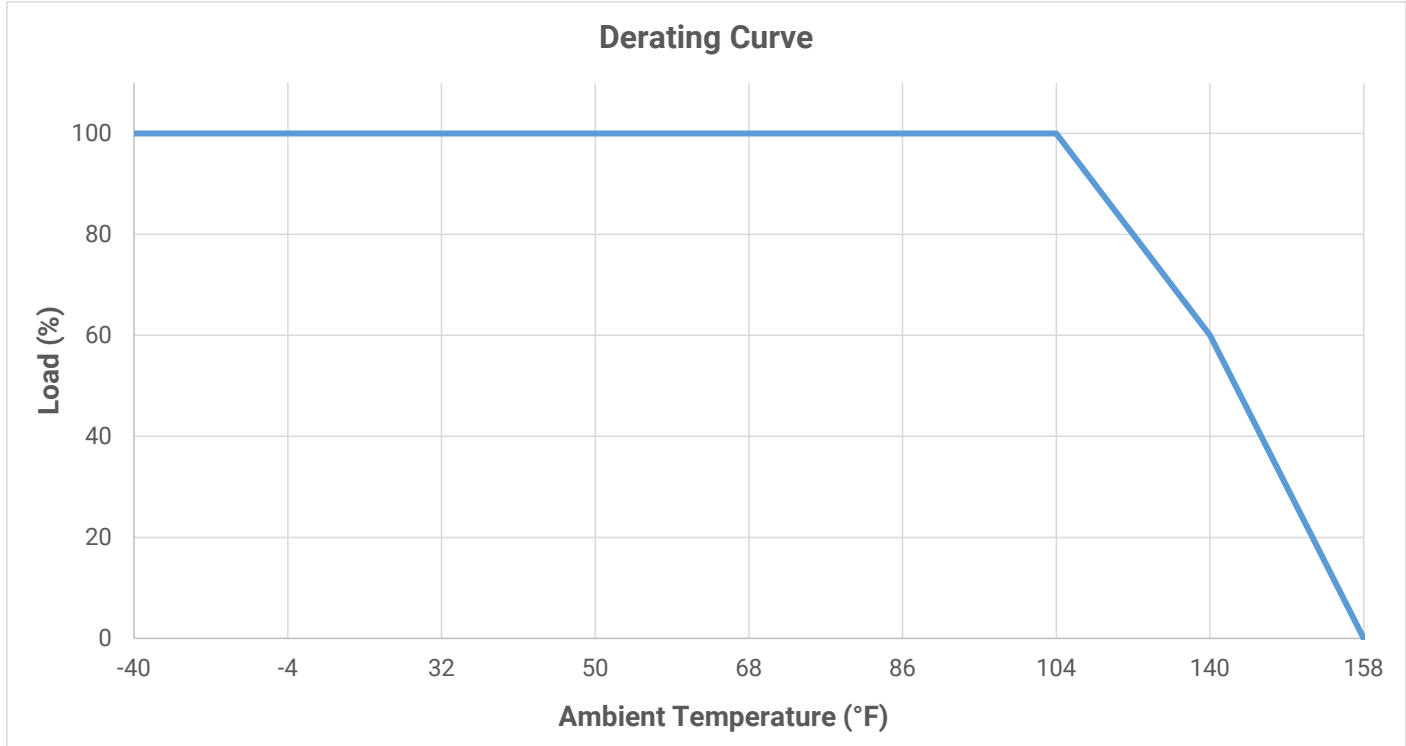


Dimming Chart

OSLV192

Charts

DERATING CURVE



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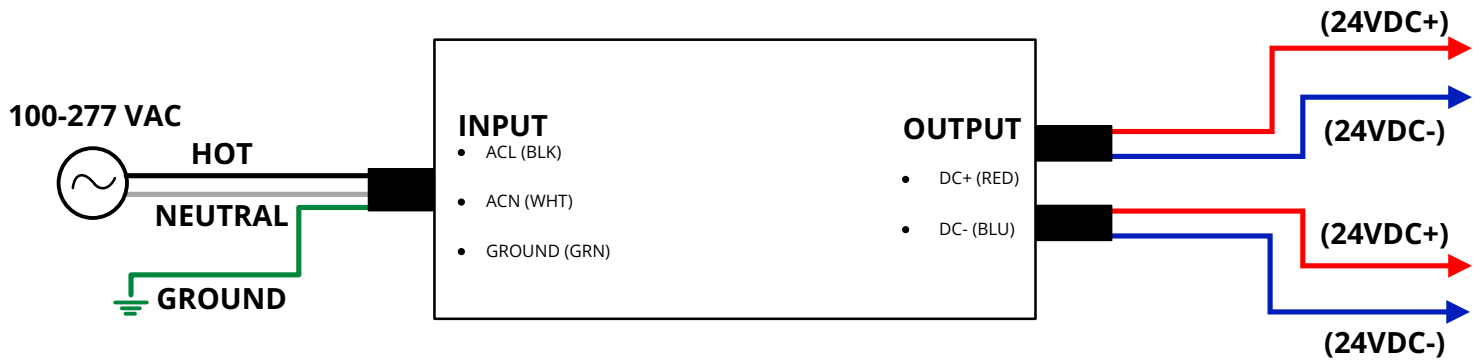
Location _____



Wiring Diagram

SLV192, OSLV192

Wiring Diagram



Compatible with:

