

FIXTURE TYPE _____

PROJECT NAME _____

LOCATION _____



ULV192-SC

192 WATT (2 × 96W) – 24 VOLT |
CLASS 2 POWER SUPPLY



Description

The ULV192-SC is a 2 x 96W versatile constant voltage power supply designed for a broad range of indoor lighting applications. Featuring protective measures and a design for consistent performance, the ULV192-SC sets the standard for durability and adaptability. UL-listed as Class 2 and suitable for Dry and Damp locations, it delivers reliable illumination in various indoor settings.

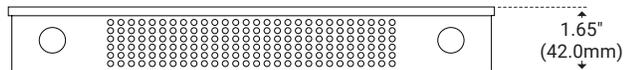
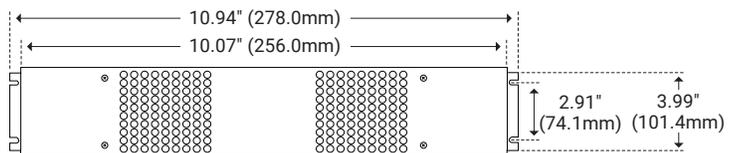
Specifications

Series	ULV192-SC
Input Voltage	100–277V AC
Output Voltage	24V DC / Constant Voltage
Max Wattage	192W (2 × 96W)
Temp Range	-40°F (-40°C) – 140°F (60°C)
Dimensions	10.94" × 3.99" × 1.65"
Classification	Class 2

Features

- Flicker-free Dimming Down to ≤1%
- TRIAC, ELV, MLV, or 0–10V Dimming
- Protections: Short Circuit/Over Current/Over Voltage
- Free Air Convection Cooling
- Suitable for Dry/Damp Location
- UL-Listed Class 2

Dimensions



Series List

Model Name	Rated Input Voltage	Rated Output Power	Rated Output Voltage	Output Current
ULV192-SC	100-277V AC	192W	24V	0-4000mA



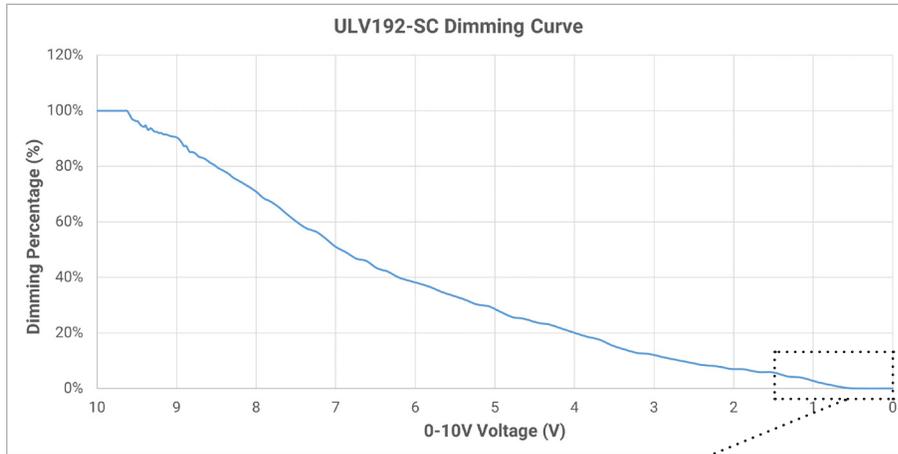
I Series Data

Model		ULV192-SC	
Certificates		UL cUL FCC Class 2	
Output	DC Voltage	24V	
	Rated Current	2×4A	
	Rated Power	192W (2×96W)	
	Voltage Tolerance	±0.5V	
	Voltage Regulation	±0.5%	
	Load Regulation	±1%	
Input	Voltage Range	100-277VAC	
	Frequency Range	47-63Hz	
	Power Factor (Typ.) @ full load	0.99 @ 120VAC	
	THD (Typ.) @ full load	<20% @ 120VAC	
	Efficiency (Typ.) @ full load	88% @ 120VAC	
	AC Current (Max.)	2.3A	
	Inrush Current (Typ)	19A, 50%, 1.3ms @ 120VAC	
	Leakage Current	<0.50mA	
Protection	Short Circuit	Shut down o/p voltage, re-power on to recover after fault condition is removed	
	Over Loading	≤120% HICCUP MODE, auto-recovery	
	Over Temperature	212°F±18°F shut down o/p voltage, automatically recover after cooling	
Environment	Working Temperature	-40°~+140°F	
	Working Humidity	20~90% RH, non-condensing	
	Storage Temperature Humidity	-40~+176°F, 10~95% RH	
	Temperature Coefficient	±0.054%/°F (0~122°F)	
	Vibration	10~500Hz, 5G 10min/1 cycle, period for 60min each along X, Y, Z axes	
Safety & EMC	Safety Standards	UL8750 + UL1310	
	Withstand Voltage	I/P-O/P: 1.88KVAC	
	Isolation Resistance	I/P-O/P: 100MΩ / 500VDC / 77°F / 70% RH	
	EMC Emission	FCC Part 15B	
Others	Net Weight	3.75lbs (1.7Kg)	With junction box: 5.29lbs (2.4Kg)
	Size	17.85" × 3.42" × 2.36" (453mm × 87mm × 60mm)	
Notes	<p>1. All parameters if NOT specially mentioned are measured at 120VAC input, rated load and 77°F of ambient temperature.</p> <p>2. To extend the driver's using life, please reduce the loading at lower input voltage.</p>		

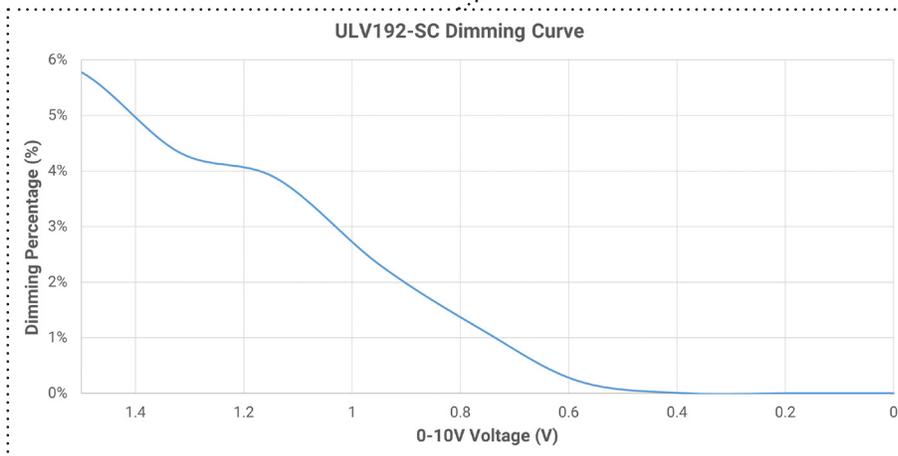


Charts

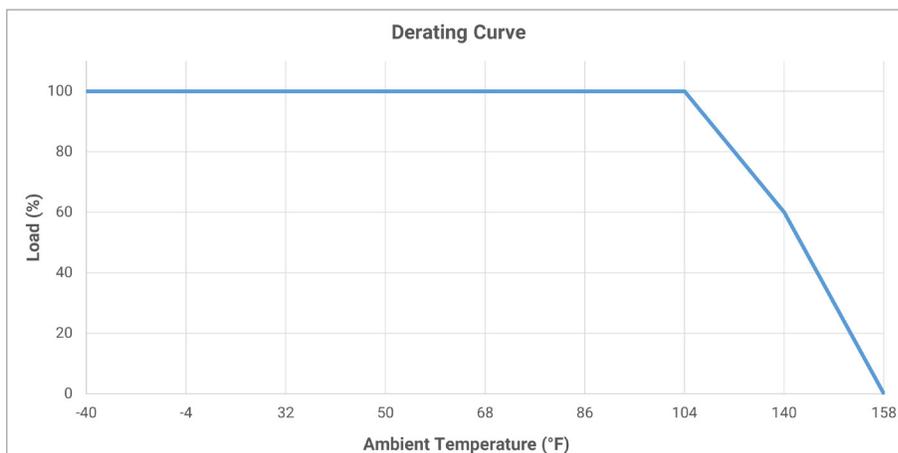
Dimming Curve (Full)



Dimming Curve (Exploded)



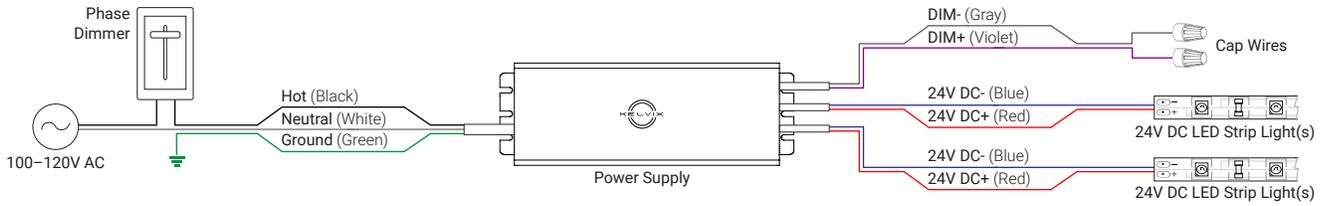
Derating Curve



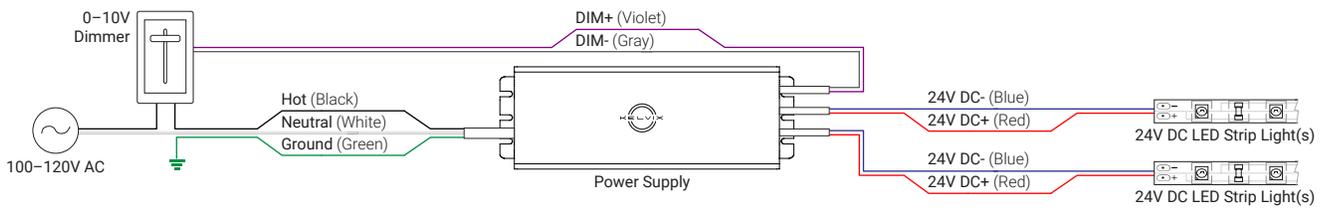


I Wiring Diagram

Primary Side Dimming (120V Only)



Secondary Side Dimming (0-10V)



Secondary Side Dimming (DMX)

