

120V-347V LED DRIVER 48W 0-10V Dimming

Output Range 24V to 40V Constant Current 1200mA **Max 48W**

Multi Voltage 120-347V Electronic Constant Current LED Driver 0-10V Dimming. Output Range of 24V to 40V for Single circuit 48W maximum.

Technical Specification:

UL, CUL Certified, ROHS Compliant
 EMI FCC Parts 18, Subparts C, Class A
 Rating: IP 65 Damp, Dry
 Output Open/Short Protection
 Min. Starting Temp: - 40° C
 Max. Case Temp: 90° C
 Typical Efficiency: 87%



Input Voltage range: $\pm 10\%$
 Output Load range $\pm 5\%$
 Input Frequency: 50/60HZ
 THD: < 20%
 Power Factor Min: 0.90
 Remote Wiring Distance Full Load: 18AWG -18 ft

Case Size: Series MUL

Due to continuing efforts to offer improved products all specifications are subject to change without prior notice

INPUT VOLTAGE	INPUT CURRENT	INPUT WATTS	OUTPUT POWER WATTS MAX	OUTPUT VOLTAGE	OUTPUT CURRENT AMPS	MODEL
120	0.48A	55	48	24 to 40V	1.2A	NM1200C48WRSD
347	0.16A					

LIMITED WARRANTY

5 YEAR at maximum case temperature 75 deg C. 3 YEAR at maximum case temperature 90 deg C. Manufacturer warrants to the purchaser: Product will be free from defects in material or workmanship from the date of manufacture conditioned upon proper storage, installation, use, and maintenance and conformance with any recommendations of Manufacturer

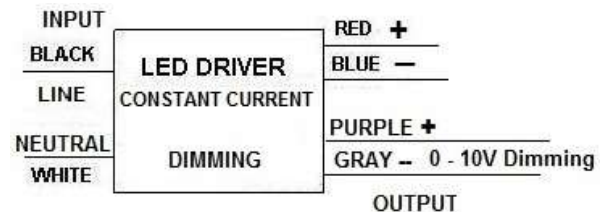
Lead Length

Colour	inch	cm
Black	5.9	15
White	5.9	15
Blue	5.9	15
Red	5.9	15
Gray	5.9	15
Purple	5.9	15

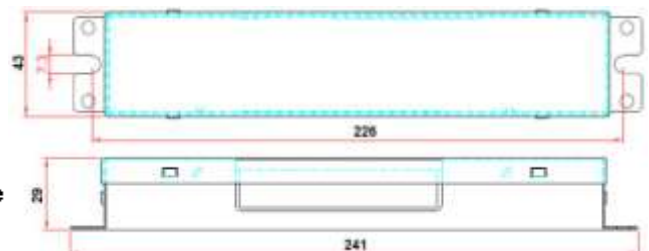
0-10V Dimmer

Compatibility Chart

LEVITON	LUTRON
DS710-10Z	NFTV
	DVTV-WH



Series MUL	L	W	H	ML
Case Size:	241mm	43mm	29mm	226mm
	9.5inch	1.7inch	1.14inch	8.9inch



WARNING: Always Disconnect Power Before Handling.
Case Should be Grounded. Install in Accordance with National and Local Electrical Codes.

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*Sage
Lighting Ltd.*

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Input Specifications

Parameter	Min.	Typ.	Max.	Notes
Input Voltage	108V	120/277V	381V	
Input Current	-	-	0.48A RMS	@120Vac input with full load
Input Frequency	47Hz	60Hz	63Hz	
Leakage Current	-	-	0.7mA	@120Vac input
Turn On Time	-	-	1.0s	@120Vac input at full load
Hold Up Time	-	-	0.1s	@Nominal input and full load
Efficiency	85%	87%	89%	@120Vac input at full load
Standby Power	-	-	3W	
Current Total Harmonic	-	-	20%	

Output Specifications

Parameter	Min.	Typ.	Max.	Notes
Output Voltage	25V	-	42V	
Output Current	-	1200mA	-	
No-Load Output Voltage	42V	52V	62V	
Rated Current	1140mA	1200mA	1260mA	
Rated Power	-	48W	-	
Line Regulation	-	-	±5%	
Output Current Ripple	-	±10%	-	

General Specifications

Parameter	Min.	Typ.	Max.	Notes
MTBF	-	100,000 Hours	-	@25°C ambient temperature
Lifespan Time	75,000 Hours	-	-	In the range of specification required by normal use of the power supply at ambient temperature 55°C
Cold Start	-	-	1.0s	@-40°C

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Environmental Specifications

Parameter	Min.	Typ.	Max.	Notes
Operation Temperature	-40°C	-	50°C	
Storage Temperature	-40°C	-	80°C	
Humidity	10%	-	90%	

High Temperature Durability	Switch ON/OFF Test
Power storage environment at 80°C 24hours, will not damage the electrical, mechanical properties and also not cause other adverse reactions.	Power at ambient temperature 25°C 1s/on, 1s/off, last up to 10,000 cycles, will not damage the electrical ,mechanical properties and also not cause other adverse reactions.

Safety and EMC Compliance

Safety Standards	Withstand Voltage	Isolation Resistance	EMC Standards	
			EMI	EMS
UL 8750 UL1310 Class 2 Class P	I/P-O/P: 2.0K Vac I/P-FG: 2.0K Vac O/P-FG: 0.5K Vac	I/P-O/P: I/P-FG: O/P-FG: 100Mohm/500VDC	FCC Part 15 class A UL8750 CSA C22.2 No. 250.13-14	FCC Part 15 class A UL 8750

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