



POWER SUPPLY

PS-024-288VWJ2V2



TEMPERATURES

WORKING TEMPERATURE:
-40°F to 140°F (-40°C to +60°C)
Cooling by free air convection

FIXTURE STORAGE TEMPERATURE:
-40°F to 176°F (-40°C to 80°C)
Humidity 10 to 95% RH

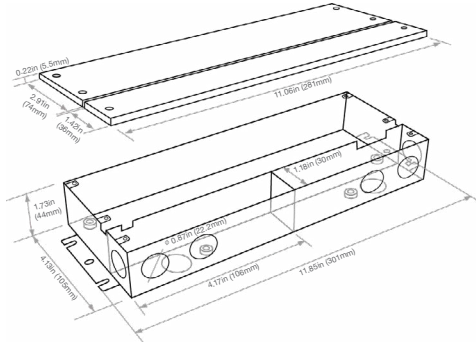
WORKING HUMIDITY:
20-90% RH, Non-Condensing

TEMPERATURE COEFFICIENT:
±0.03%/°C (0°C~50°C)

CERTIFICATIONS & FEATURES



DIAGRAM



CONSTANT VOLTAGE DIMMABLE LED DRIVER

OUTPUT

Voltage Accuracy/Tolerance	±0.5V
Voltage Regulation	±0.5%
Rated Current	12A (Multi current 3*4.00A)
Load Regulation	±1%
Rated Power	288W (3*96W)

INPUT

Voltage Range	100~277VAC
Input Power	325W@110VAC, 314.2W@230VAC, 312.5W@277VAC
THD (Typ. @ Full Load)	<20%
AC Current (Max.)	3.6A@ 100VAC
Frequency Range	47~63Hz
Inrush Current	35A, 960µs @120VAC, 43A, 1ms @277VAC
Leakage Current	<0.50mA
Power Factor (Typ.)	0.99@120VAC, 0.95@277VAC
Efficiency (Typ. @ Full Load)	86%@120VAC / 91%@277VAC

PROTECTION

Over Temperature	100°C±10°C shuts down o/p voltage, auto-recovery after cooling
Short Circuit	Shuts down o/p voltage, re-power to recover after fault condition is removed
Over Loading	≤120% constant current limiting, auto-recovery after fault condition is removed

ENVIRONMENT

Vibration	10~500Hz, 2G, 10 min/cycle for 60 min on X,Y,Z axes
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SAFETY & EMC

Safety Standards	UL8750
Withstand Voltage	I/P-O/P: 1.88K VAC
Isolation Resistance	I/P-O/P: 100MΩ/500VDC/25°C/70%RH
EMC Emission	FCC 47 CFR Part 15, Subpart B

OTHER INFORMATION

Weight	~2.4Kg
Enclosure Size (LxWxH)	11.85" x 4.13" x 1.73" (301mm x 105mm x 44mm) (L*W*H)
Packaging	10 pcs / CTN G.W.: 24.5KG / CTN

Notes:

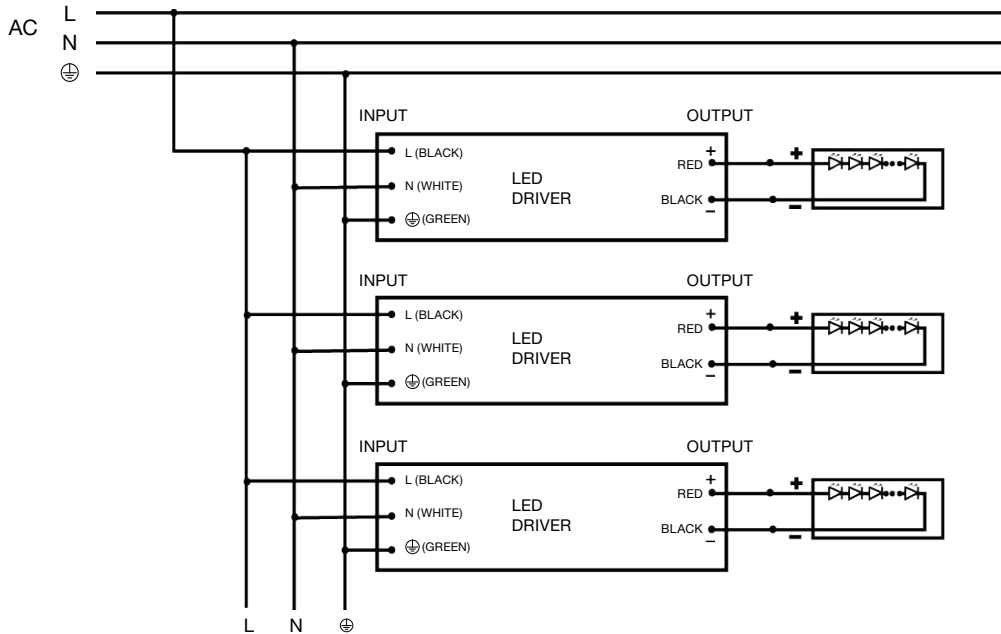
1. All parameters NOT specially mentioned are measured at 120VAC input, rated load and 25°C of ambient temperature.
2. To extend the driver's using life, reduce the loading at lower input voltage.

POWER SUPPLY

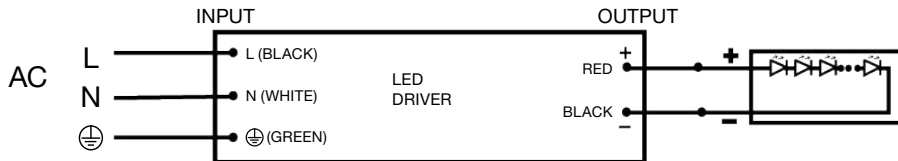
PS-024-288VWJ2V2

- Input wires Black and White to be connected to AC L and N, Green wire to be connected to ground.
- Output wire Red to LED positive side (+), Black to LED negative side (-).
- Please make sure you connect these correctly otherwise your product will not function correctly and could be damaged.
- Class 2 standard output terminal: Three groups for PS-024-288VWJ2V2

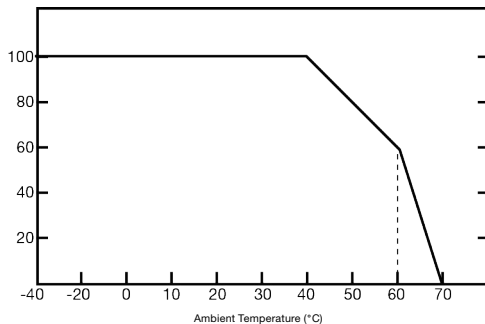
CONNECTION DIAGRAM



SIMPLE CONNECTION DIMMING



DERATING CURVE



Load carried in accordance with the derating curve, according to the ambient temperature, in order to extend the working life.

INSTRUCTIONS

1. This driver should be installed by a qualified and professional person
2. Make sure the driver is installed with adequate ventilation to allow for heat dissipation
3. Ensure all wiring is correct before testing in order to avoid light and power supply damage
4. If the LED drivers do not perform normally, do not maintain privately. Contact us at: support@glls.com or 1-888-580-6366, www.glls.com