



D24V100UNV-A

24 Volt 100 Watt Class 2 LED Driver

- Universal input voltage 120 – 277 Vac
- Damp and Dry Location Rated
- Class 2 Output



Performance

Input Voltage	120 ~ 277 Vac
Input Current Max	0.89 /120V 0.39/277V
Input Power Max	112W
Input Frequency	50 - 60 Hz
Power Factor	> 0.90
THD max	< 10 %
Output Voltage	24V
Output Current	4.0A
Output Power	96W

Environmental

EMI and RFI	Meets FCC part 15 (Class A) Non-Consumer Limits
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
tc	85°C (185°F) max
Protection Rating	UL Dry & Damp

Physical

Length	9.50 in (241.3 mm)
Width	1.70 in (43.2 mm)
Height	1.18 in (30.0 mm)
Mounting Length	8.89 in (225.8 mm)
Weight (lbs)	1.7
Lead Lengths	
Blk, Wht	8 in
Red(+), Black(-)	8 in

Lead-wires are 18 AWG 105°C /600V solid copper.

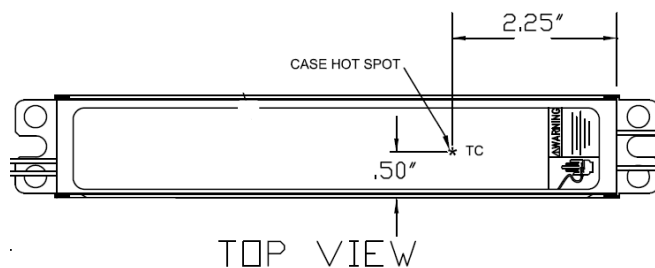
Protection

Over voltage, Overload and short circuit.

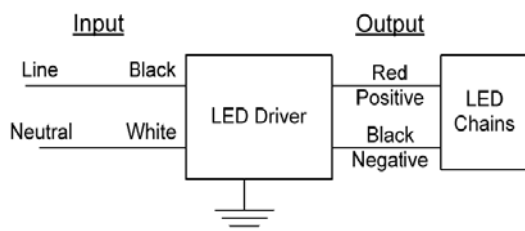
Safety:

UL 8750 & CSA 250.13-12

Tc Location



Wiring Diagram:



EVERLINE



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Conditions of Acceptability -

1. The drivers shall be installed in compliance with the applicable requirements of the end-product standard for, mounting, spacing, casualty and segregation
2. The maximum available output parameters were within the maximum allowable limits for Class 2, inherently limited as specified in the UL 1310 standard for Class 2 Power Units, and in accordance with the Canadian safety standard CSA C22.2 No. 223.
3. The Driver is suitable for use in "DRY" or "DAMP" locations.
4. The driver was evaluated for use in a **56.6°C** elevated ambient and the maximum case temperature at (Tc) location – as identified on the label in ILL. 1 - should not exceed 85°C when the driver is installed in the end-use application.
5. The leakage current test was performed in accordance with the UL 1310 standard, and the maximum leakage current was measured at the voltages indicated. Consideration shall be given to the leakage current values in the end-use application.

Models	120V	240V
D24V100UNV-A, L24V100UNV-A	0.22 mA	0.50 mA

6. The primary (Black-White) and the output (Red-Black) connection wires of the driver are R/C (AVLV2/8), 18 AWG, 90°C. The suitability of the leads shall be determined in the end-use application.
7. The need to perform the Strain Relief and/or Pushback Relief Tests on the lead wires should be determined in the end-use application.
8. The case must be grounded in the end use.
9. All parts of these models are fully submerged in potting compound in accordance with sub-clause 41.1(c) of UL 844.

FCC Statement: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warranty:

Universal Lighting Technologies warrants to the purchaser that each power supply will be free from defects in material or workmanship for a period of 5 years from the date of manufacture when properly installed per instructions and under normal operating conditions of use. Call 1-800-225-5278 for technical assistance.



Application and operation performance specification information subject to change without notification.