

D10CC60UNV-Vx



1050mA LED Driver

- Universal input voltage 120 – 277 Vac
- Class 2 Output
- 12V Power source for Active cooling device

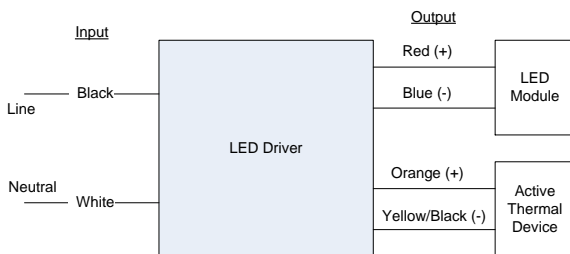
Performance

Input Voltage	120 ~ 277 Vac
Input Current Max	0.60 /120V 0.25/277V
Input Power Max	68W
Input Frequency	50 - 60 (Hz)
Power Factor	> 0.95
THD max	< 20 %
Output Voltage	20 - 57V
Output Current	1050mA
Output Power	60W Max
Line Regulation	±3 %
Load Regulation	±5 %

Environmental

EMI and RFI	Meets FCC part 15 (Class A) Non-Consumer Limits
Operating Temperature	-40°C to 50°C (-40°F to 122°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
tc	75°C (167°F) max
Protection Rating	UL Dry & Damp

Wiring Diagram:



Orange & Yellow/Black are for 12V, 0.84W or 70mA output current max Active cooling device (ex: Nuventix Synjet downlight LED Cooler)

Physical

Overall Length -VF	5.51 in (140.0 mm)
Overall Length -VN/-VJ	5.02 in (127.5 mm)
Width	3.62 in (92.0 mm)
Height	1.56 in (39.6 mm)
Weight	20 oz.
Lead Lengths	
Blk, Wht	8 in
Red(+), Blue(-)	8 in
Orange, Yellow/Black	8 in

Lead-wires are 20 AWG 105°C /600V solid copper.

Protection

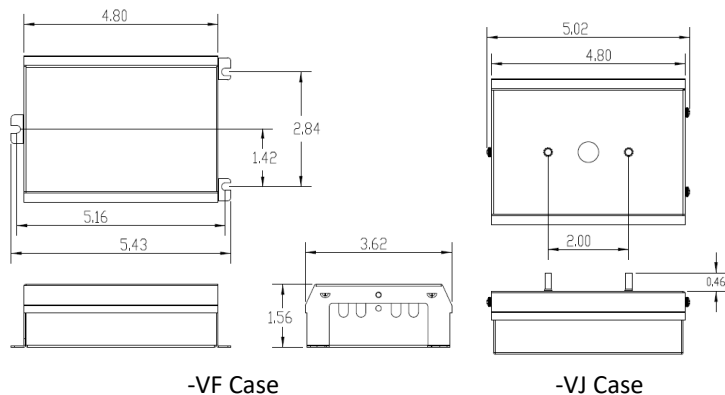
Over voltage, Overload and short circuit, over temp.

Safety:

UL 8750 & CSA 250.13-12

Enclosure Options

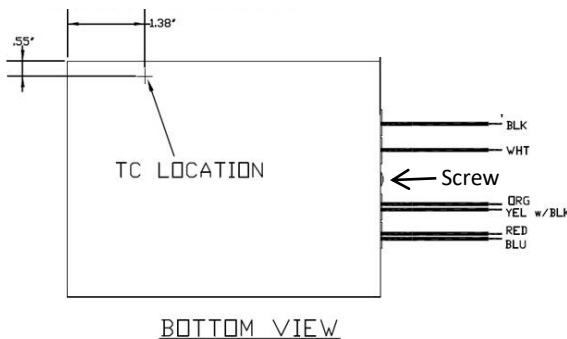
Part Number	Description
D10CC60UNV-VN	No Mounting Feet
D10CC60UNV-VF	Mounting Feet
D10CC60UNV-VJ	J-Box Stud Mount



Conditions of Acceptability –

The driver shall be installed in compliance with the applicable requirements of the end-product standard for, mounting, spacing, casualty and segregation

1. The maximum available output parameters from the “LED” output and also the “FAN” output and the combination of both outputs were within the maximum allowable limits for Class 2, inherently limited as specified in section 7.12 of UL8750 standard.
2. The Drivers are suitable for use in “DRY” or “DAMP” locations.
3. The drivers are suitable for use in a 50°C elevated ambient. And, when the drivers are installed in the end-use application, the maximum case temperature at (Tc) location specified on the Marking label and as specified in Illustration #1 should not exceed 75°C.
4. The drivers were not subjected to the leakage current test and the test shall be conducted in the end-use application when required. And, the leakage current must be performed as specified in section 27 of the standard for Class 2 Power Units, UL1310.
5. The primary (Black and White), the main output (Red-Blue) and the Fan Output (Orange-Yellow) connection leads are R/C (AVLV2/8), 18 AWG, 90°C, 300 V minimum. The suitability of the leads shall be determined in the end-use application.
6. The drivers are potted and the strain relief test was not conducted. The need to perform the Strain Relief and/or Pushback Relief Tests on the lead wires should be determined in the end-use application.
7. The housing of the driver must be connected to earth ground in the end use application.
8. The minimum thickness of the aluminum of the housing of the drivers is 0.91 mm. This is in compliance with the minimum required thickness that is specified in Table 6.1 of UL8750 standard for nonferrous sheet metal. In addition, the housing was subjected to the MECHANICAL STRENGTH FOR METAL ENCLOSURES as specified in section 8.13 of UL8750 with compliant test result.



For the “N” and “F” versions, Tc location is on the bottom of the case. For the “J” version with the leads exiting out the bottom, the screw on the side of the case is oriented to the right and the Tc is located on the side with the label.

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.