

D350C15UNVA-Jx

350mA LED Driver

- Universal input voltage 120 – 277 Vac
- 0-10V Dimming
- Class 2 Output



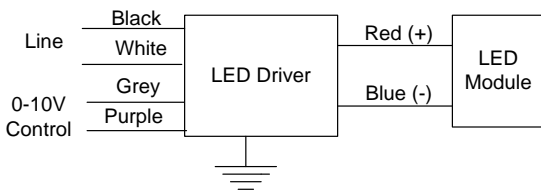
Performance

Input Voltage	120 ~ 277 Vac
Input Current Max	0.15 /120V 0.06/277V
Input Power Max	19W
Input Frequency	50 - 60 (Hz)
Power Factor	> 0.95
THD max	< 20 %
Output Voltage	12V-42V
Output Current	35-350mA
Output Power	15W 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 70°C (-40°F to 158°F)
Storage Temperature	-40°C to 60°C (-40°F to 140°F)
tc	80°C (176°F) max
Protection Rating	UL Dry & Damp

Wiring Diagram:



Physical

Length	4.67 in (118.6 mm)
Width	1.30 in (33.0 mm)
Height	1.19 in (30.2 mm)
Mounting Length	4.39" x .96" (111.5x24.4 mm)
Weight (lbs)	1
Lead Lengths	
Blk, Wht, Purple, Gray	7 in
Red(+), Blue(-)	7 in

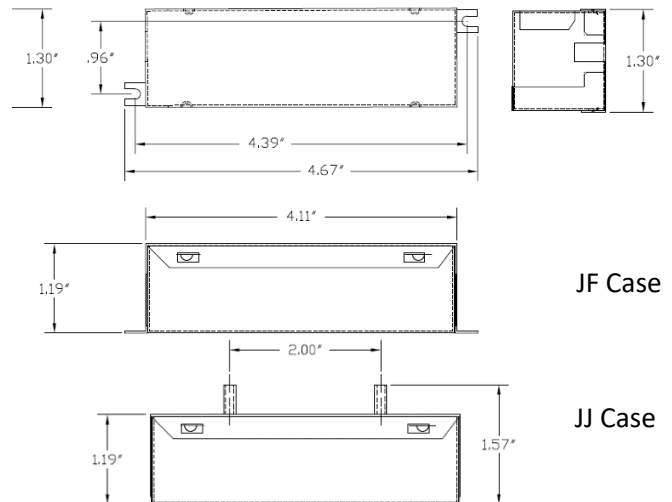
Lead-wires are 18 AWG 105°C /600V solid copper.

Protection

Over voltage, Overload and short circuit.

Safety:

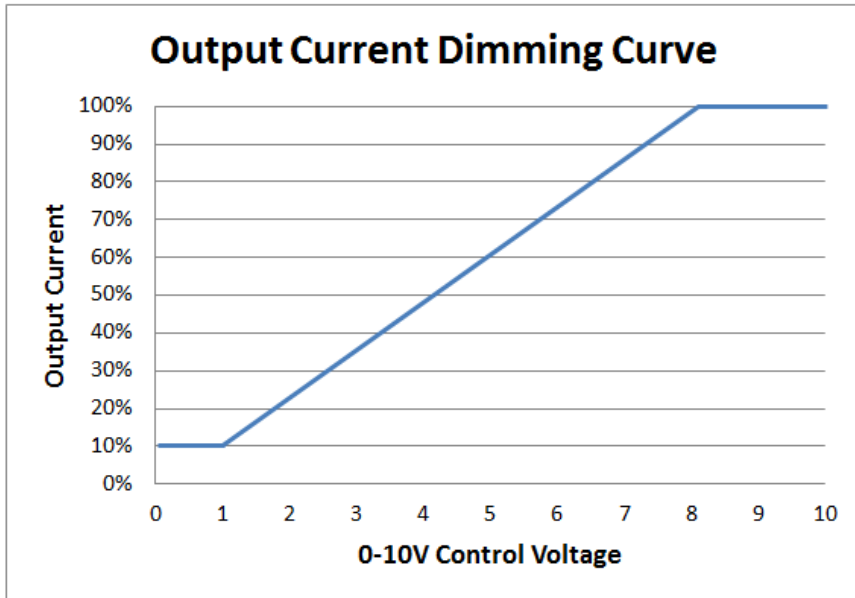
UL 8750 & CSA 250.13-12



Order Codes

Part Number	Description	Case Qty
D350C15UNVA-JF20C	Side exit leads w/ feet	20
D350C15UNVA-JJ20C	Bottom exit leads w/ studs	20





0-10V Analog Dimming Interface

Analog 0 to 10 vDC Voltage Control

- Use Violet (+) & Gray (-) for connection to 0-10vDC.
- 10v = maximum output, 0v = minimum output
- Driver protected if line voltage is applied.
- Wiring Violet & Gray together provides min. light output.
- Capping Violet & Gray separately provides 100% light output.
- 0-10V interface may be wired as a Class 1 or Class 2 Circuit.
- Driver will source a maximum of 250uA for control needs.

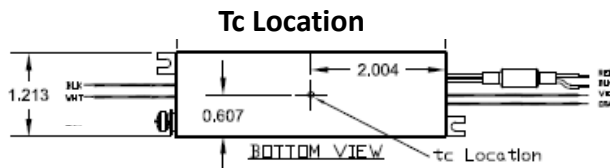


Application and operation performance specification information subject to change without notification.



Conditions of Acceptability –

1. The driver 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 from the “LED” output and also the “Dimming” output were within the maximum allowable limits for Class 2, inherently limited as specified in section 7.12 of UL8750 standard.
3. The Driver is suitable for use in “DRY” or “DAMP” locations.
4. The driver was evaluated for use in a 70°C elevated ambient and the maximum case temperature at (Tc) location – as identified on the label in ILL. 1A - should not exceed 80°C when the driver is installed in the end-use application.
5. The leakage current measurement was not conducted and – when required - shall be performed in the end-use application.
6. Input (Black and White), Output (Red, Blue) and (Purple and Grey) leads – R/C (AVLV2), 18AWG rated minimum 300V, 90°C. The suitability of the leads shall be determined in the end-use application.
7. The drivers are potted and the Input and Output leads were not subjected to the strain relief test. 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 housing of the driver must be connected to earth ground in the end use application.
9. The minimum thickness of the painted sheet steel housing of the driver is 0.66 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.



On the D350C15UNVA-JJ, the Tc Location is on the label side.

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.



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