

D700C20UNV-J

700mA LED Driver

- Universal input voltage 120 – 277 Vac
- Class 2 Output



Performance

Input Voltage	120 ~ 277 Vac
Input Current Max	0.23 /120V 0.09/277V
Input Power Max	24W
Input Frequency	50 - 60 (Hz)
Power Factor	> 0.95
THD max	< 20 %
Output Voltage	14V - 31V
Output Current	700mA
Output Power	20W Max
Line Regulation	±3 %
Load Regulation	±10 %

Environmental

EMI and RFI	Meets FCC part 15 (Class A) Non-Consumer Limits
Operating Temperature	-40°C to 55°C (-40°F to 131°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	3.74 in (95 mm)
Width	1.57 in (40 mm)
Height	1.00 in (25 mm)
Mounting Length	3.35" x 1.18" (85mm x 30mm)
Weight (lbs)	1
Lead Lengths	
Blk, Wht, Purple, Gray	12" 18AWG
Red(+), Blue(-)	12" 20AWG

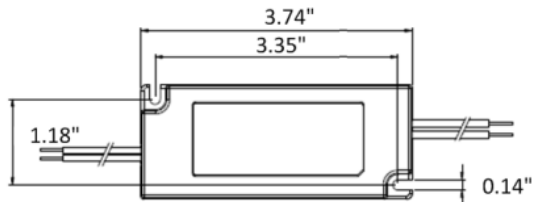
Lead-wires are 105°C /600V solid copper.

Protection

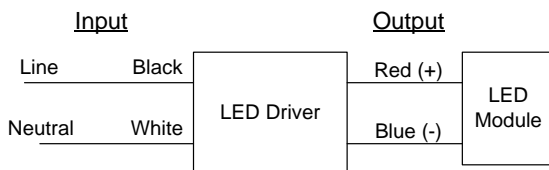
Over voltage, Overload and short circuit, over temp.

Safety:

UL 1012 & CSA107



Wiring Diagram:





Condition of Acceptability

-When installed in the end use equipment, the following are among the considerations to be made:

1. The maximum working voltage present and dielectric voltage withstand test voltage applied between primary circuits and secondary output/plastic enclosure for each models are tabulated below.

Model name	Working Voltage	Hi-pot P-S and P-enclosure
D700C20UNV-J	276 Vrms, 640 Vpk	4242 Vdc

- 2. The LED driver had been considered ambient 55 degree C. If operated at a higher ambient temperature, it should be determined in end product.
- 3. The suitability of enclosure shall be determined in the end product.
- 4. The unit is intended for factory installation only.
- 5. The LED driver is intended for use in a dry and/or damp location. Other uses shall be considered in end product.
- 6. The driver shall be installed in compliance with the enclosure, mounting, spacing, casualty, and segregation requirements of the end product application.
- 7. The suitability of input and output leads shall be determined in end product.
- 8. The driver is provided with isolated output.
- 9. Electrical/Fire/Mechanical enclosure shall be evaluated in end product.
- 10. The necessity of repeated Leakage Current Test shall be determined in each end use application.

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.

