

ET10D-12V

Electronic Dimmable

Outdoor Aluminum With Wire Compartment Enclosure

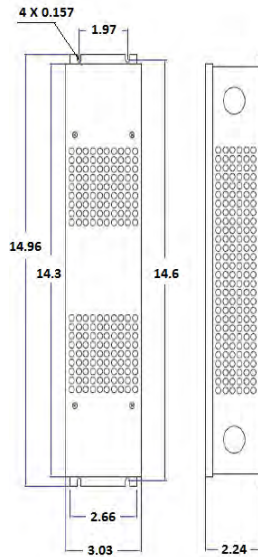
Single Circuit: **12VDC**

Total Wattage: **100W max**

Input Voltage: **120V 50/60Hz**



Conforms to UL STD. 1012
Certified to CSA
STD. C22.2 No 107.1



Transformer

Dimmable with any EV, MLV, CL, forward or revers phase.

Input leads are 18AWG 600V

Output leads are 18AWG 300V

Leads max. operational temperature is 105°C

Housing

The actual transformer 100W is encapsulated in the enclosure

The enclosure is Aluminum with wire compartment, IP 67 rated

Wiring compartment has 4 knockouts sizes for 3/8 inch screw cable connectors

Enclosure Temperature does not exceed 70°C at 45°C ambient and fully loaded

Dimensions (inch): H = 14.3, W = 3.03, D = 2.24

Weight (LBs): 3.7

Electrical Parameters

Input Voltage: **120V 50/60Hz**

Max. input current at full load: **1.6A**

Output voltage without load: **12.2VDC**

Output voltage fully loaded: **12VDC**

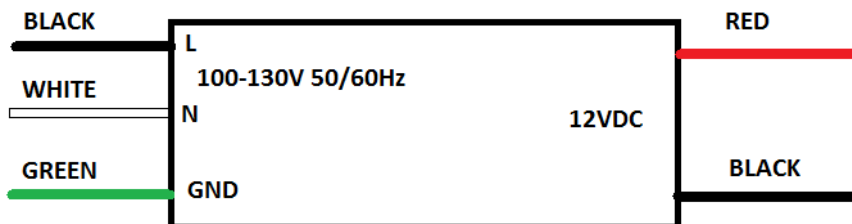
Max. Total Wattage: **100W**

Max. Output Current: **8A**

Efficiency: **85%**

Load regulation: **1%**

Ripple: **10%**



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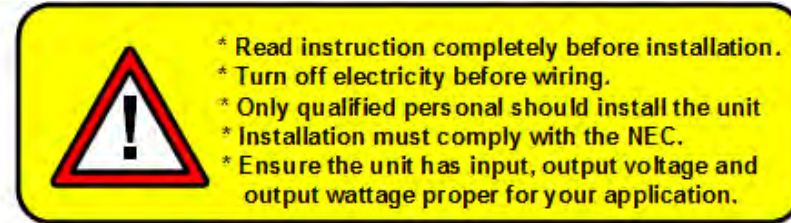
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Installation Instruction for



Mounting

The transformer must be mounted in at least 10" of a free flow air space for proper ventilation.

The transformer must never be mounted next to or above heat radiated objects.

The maximum ambient temperature should not exceed 50 deg. C (110 deg. F)

Connection

Open the wire compartment and remove knockouts for input and output, install strain reliefs (wire clamps). Use only right size and UL approved wire nuts.

Input Connection

Bring your line and neutral wires through input strain relief and connect them to the Black and White transformers leads.

Output Connection

Bring your lights wires through output strain relief and connect to the Red + and Black - transformer leads. Make sure all your connection very tight

Grounding

The LED Driver is grounded to the enclosure. The enclosure in turn should be grounded in accordance with NEC and local code. Connect the transformer green wire to the ground.

