

## MLE500-12DC-UD T24

### Electronic UNIV 5 in 1 dimming

Outdoor Black Powder Coated Steel Enclosure

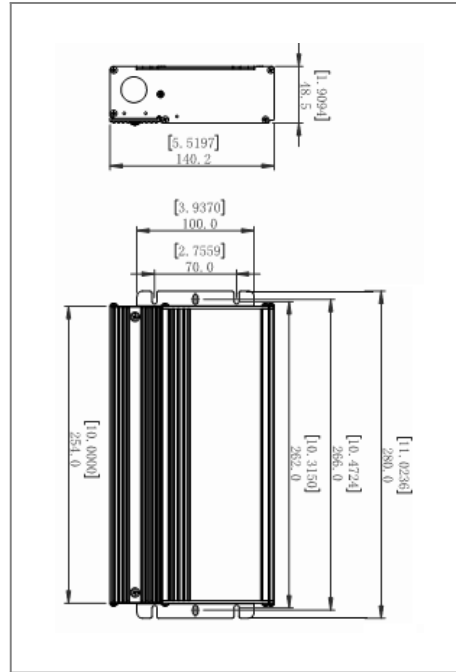
Multi Circuit: **12VDC 20kHz PWM, T24 JA-8**

Total Wattage: **500W max**

Input Voltage: **100-277V 50/60Hz**



Conforms to UL STD. 8750  
Certified to CSA  
STD. C22.2 No 250.0  
model MLE500-12DCUD



### Transformer

Dimmable with triac forward and reverse phase, 0/1-10V , resistor, PWM

Input leads are 18AWG 600V

Output leads are 14AWG 300V

Leads max. operational temperature is 105°C per circuit

### Housing

The actual transformer 500W is encapsulated in the enclosure

The enclosure is Black Powder Coated Steel, NEMA 3R rated

Wiring compartment has 12 knockouts sizes for 3/8 inch screw cable connectors

Working ambient temperature range: -40°C (-40°F) to 60°C (140°F)

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

Dimensions (inch): H = 5.52, W = 11.02, D = 1.97

Weight (LBs): 5.2

### Electrical Parameters

Input Voltage: **100-277V 50/60Hz**

Max. input current at full load: **4.8A**

Output voltage without load: **12.1VDC**

Output voltage fully loaded: **12VDC**

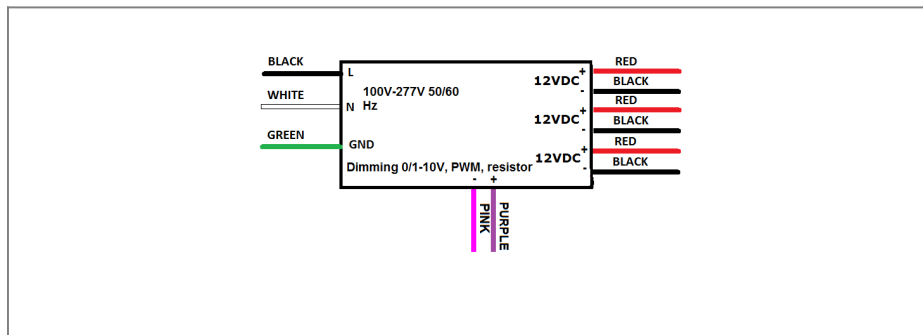
Max. Total Wattage: **500W** Max. per circuit: **167W**

Max. Output Current: **14A** per circuit.

Efficiency: **90%**

Load regulation: **1%**

Ripple: **5%**



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