

# ML100S24DC

## Class 2 Magnetic Dimmable

Outdoor Black Powder Coated Steel Enclosure

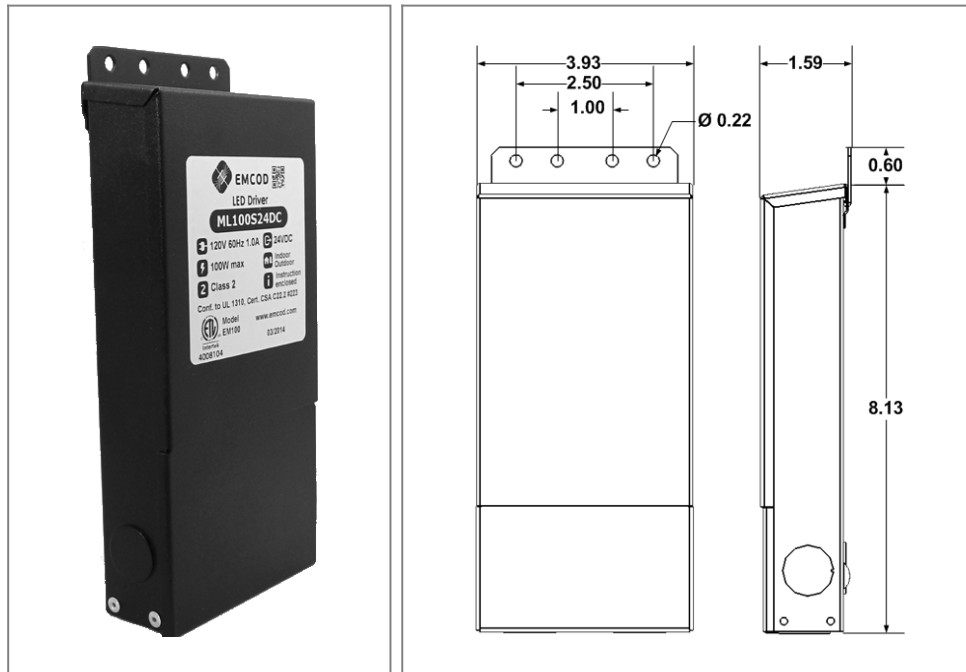
Single Circuit: **24VDC**

Total Wattage: **96W max**

Input Voltage: **120V 60Hz**



Conforms to UL STD. 1310  
Certified to CSA  
STD. C22.2 № 223  
model EM100  
[Link to certification](#)



### Transformer

Dimmable with any LV magnetic dimmer as long as you cover dimmer's min load.

Temperature class B(130°C)

Input leads are 18AWG 600V

Output leads are 18AWG 300V

Leads max. operational temperature is 105°C

Thermal manually reset primary breaker 2A

Thermal manually reset secondary breaker 4A

### Housing

The actual transformer 96W is encapsulated in the enclosure

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

Wiring compartment has 6 knockouts sizes for 3/8 inch screw cable connectors

Enclosure Temperature does not exceed 75°C at 45°C ambient and fully loaded

Dimensions (inch): H = 8.13, W = 3.93, D = 1.59

Weight (LBs): 4.3

### Electrical Parameters

Input Voltage: **120V 60Hz**

Max. input current at full load: **1.1A**

Output voltage without load: **27.2VDC**

Output voltage fully loaded: **23.5VDC**

Max. Total Wattage: **96W**

Max. Output Current: **4A**

Efficiency: **85%**

