



**MAGNITUDE**  
Lighting Converters

Specification Sheet

**Dimmable**

**24V  
DC**

**Class  
2**

# 40W 24V DC LED Driver



**40W Voltage Dimmable Class 2 LED Driver**

Product Code: E40R24DC

Magnitude's E40R24DC dimmable voltage LED driver is class 2 rated and designed to operate with any standard MLV/Incandescent TRIAC (Leading edge) dimmer switch. The driver's low profile aluminum case makes it the perfect choice for under cabinet lights, tape lights and various LED fixtures installations. Our electrical specification includes Auto Reset, over current and short circuit protection. Efficiency of 90% and higher allows the driver to operate at low temperatures.

## Features

Dimmable with any standard MLV/Incandescent TRIAC-(Leading edge) dimmer switch

Super compact ALUMINUM CASE.

Class 2

UL 8750

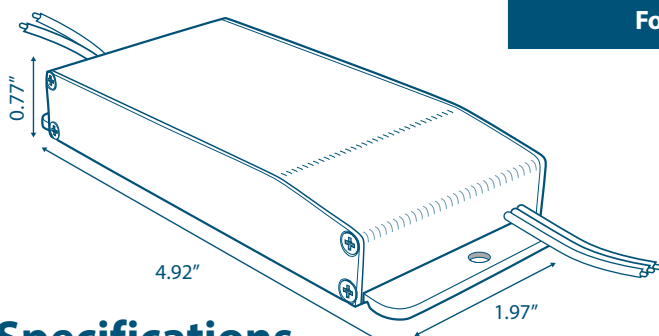
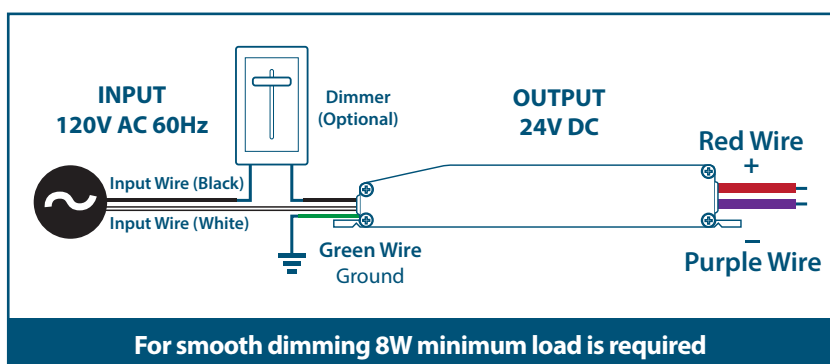
IP67 - Withstands wet and salty conditions.

Auto-Reset Protection for short circuits, over-voltage and over-temperature.

FCC 15 part 2

24V DC True RMS

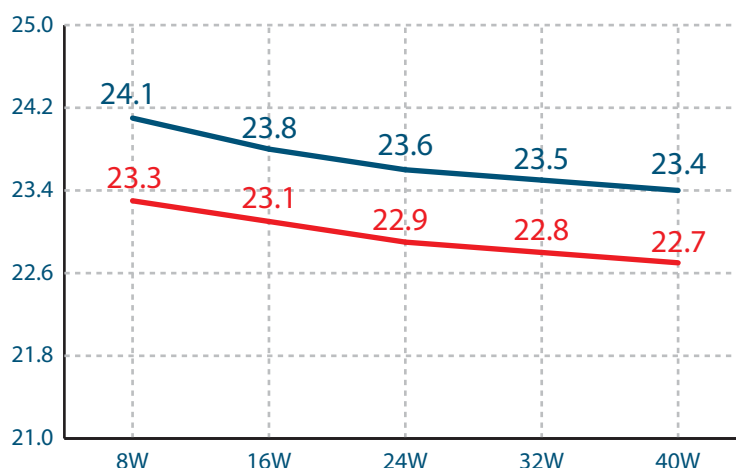
## Installation



## Specifications

Max Load	40W
Input Voltage	120V AC
Input Current at Max Load	0.41 A
Output Voltage	24V DC
Output Current at Max Load	1.75 A
Power Factor	0.95
Efficiency	> 90%
Operating Temp.	-20°C - 70°C (-4°F - 158°F)
Short circuit protection	Yes
Overcurrent	Yes
Over temperature	Yes
Open circuit protection	Yes
Input Wires (White \ Black)	14 AWG
Output Wires (Red \ Black)	18 AWG
Dimensions L*W*H	4.92" x 1.97" x 0.77"
Weight	9 oz

— Output Voltage vs. Load  
— Output Voltage With a Typical TRIAC Dimmer (on Max)



The specifications are subject to change without notice