



MAGNITUDE
Lighting Converters

Specification Sheet

Dimmable

12V
DC

Class
2

40W 12V DC LED Driver

40W Voltage Dimmable Class 2 LED Driver

Product Code: E40R12DC



Magnitude's E40R12DC 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

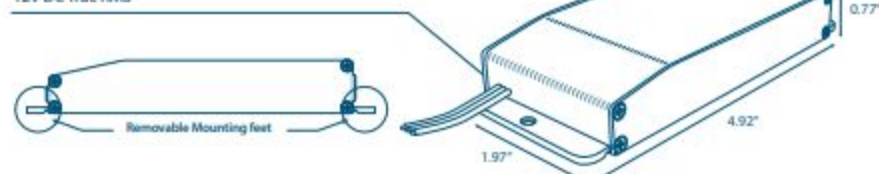
UL 8750

IP67 - Withstands wet and salty conditions.

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

FCC 15 part 2

12V DC True RMS



Specifications

Max Load	40W
Input Voltage	120V AC
Input Current at Max Load	0.41 A
Output Voltage	12V DC
Output Current at Max Load	3.5 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

14711 Bentley Circle, Tustin, CA 92780 Tel: (714) 312-5080 Fax: (714) 312-5070 www.magnitudeinc.com

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We Drive Light