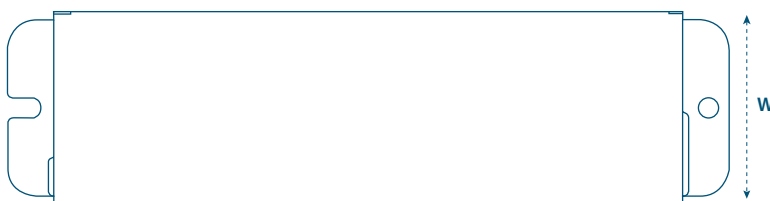
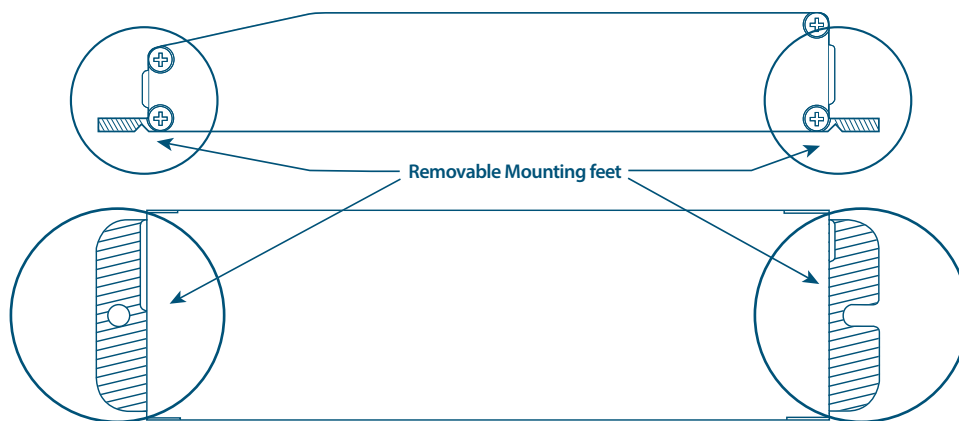
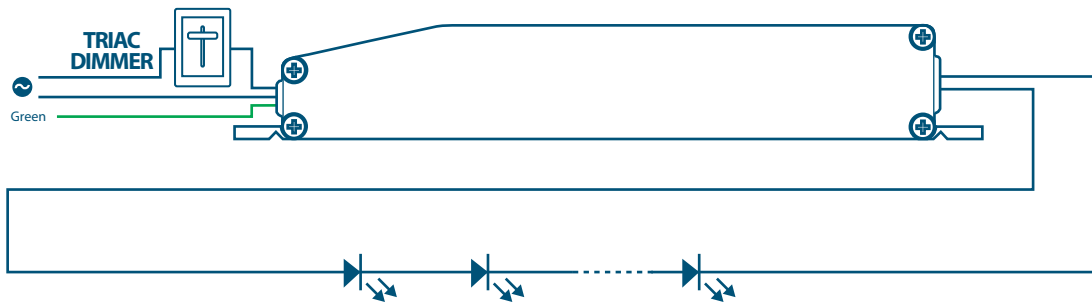
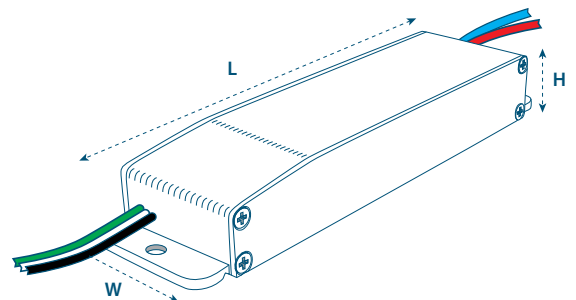




Wiring Diagram



Model Name	Dimensions L \ W \ H
MCC- 12 - 0700	4.45 x 1.17 x 0.67
MCC- 25 - 0700	4.92 x 1.3 x 0.77





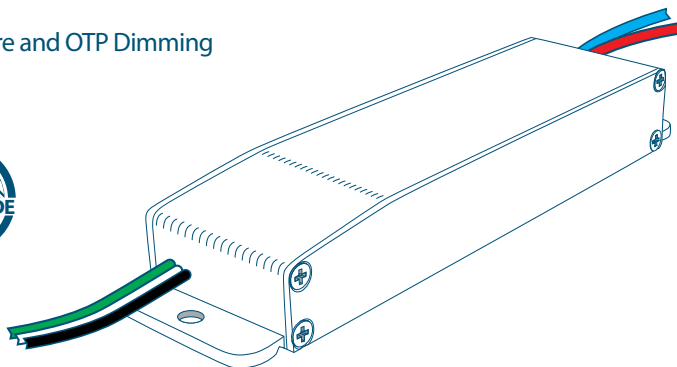
700mA Constant Current LED Drivers

Up to 25 Watt Triac Dimmable Class 2

Magnitude's Blue line offers class 2 dimmable drivers that directly feed high efficiency LEDs at an accurate, true constant current. The driver's compact, low profile allows designers to easily incorporate it into OEM products. Magnitude's Blue Line Constant Current drivers include short circuit, over-voltage, over-temperature protection. Installers will find the Blue drivers highly reliable, easy to use and simple to install.

Features

- Compatible with any standard TRIAC dimmer
- Protection for short circuits, over voltage, over temperature and OTP Dimming
- Super compact ALUMINUM CASE
- Auto dimmer compensation
- Power factor 0.96 (TYP)
- Class 2
- IP 67
- UL 8750



Specifications

	Model Name	MCC- 12 - 0700	MCC- 25 - 0700
Output	Rated Power (Max)	12W	25W
	DC Voltage Range	6 - 15 V	16 - 36 V
	Startup ¹	400ms	400ms
	Overload Protection	yes	yes
	Over Voltage Protection	yes	yes
	Constant Current Accuracy ²	± 5%	± 5%
Input	Output Current	700mA	700mA
	Voltage Range	90AC - 135AC 60Hz	90AC - 135AC 60Hz
	Frequency Range	57Hz - 63Hz	57Hz - 63Hz
	Power Factor	> 0.9	> 0.9
	Efficiency	> 76%	> 83%
	AC Current (Max)	0.4A / 120V	0.4A / 120V
General	AC Inrush Current (Max)	25A / 120V	25A / 120V
	Leakage Current	< 0.5mA / 120V	< 0.5mA / 120V
	Dimensions (L*W*H) Inches	4.45 x 1.17 x 0.67	4.92 x 1.3 x 0.77
	Working Temp	-30°C +70°C	-30°C +70°C
	Working Humidity	20~95%	20~95%
	Storage Temp.	-40~ +80°C	-40~ +80°C
	Max Case Operation Temp.	>95°C	>95°C
	MTBF	200Khrs @ 50°C	200Khrs @ 50°C
	Wire Length	7"	7"
	Wire Gauge (in \ out)	18AWG \ 18AWG	18AWG \ 18AWG
	Safety Standards	UL8750	UL8750
	Withstand Voltage	I/P-O/P:3.75KVAC	I/P-O/P:3.75KVAC
	Isolation Resistance	I/P O/P:100Mohms/500VDC/25C	I/P O/P:100Mohms/500VDC/25C
	EMC Immunity \ Emission	Compliance to FCC Part 15B	Compliance to FCC Part 15B

¹ May vary depending on dimmer setup time.

² Under maximum load

The specifications are subject to change without notice