



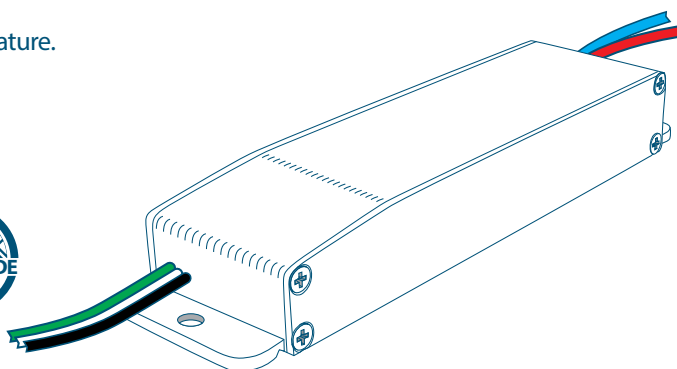
350mA Constant Current LED Driver

Up to 22 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 and over temperature.
Super compact ALUMINUM CASE
Auto dimmer compensation
Power factor 0.96 (TYP)
Class 2
IP 67
UL 8750



Specifications

Output

Input

General

Model Name	MCC- 06 - 0350	MCC- 12 - 0350	MCC- 21 - 0350
Rated Power (Max)	6W	12W	21W
DC Voltage Range	6 - 14 V	15 - 34 V	30 - 60 V
Startup ¹	400ms	400ms	400ms
Overload Protection	yes	yes	yes
Over Voltage Protection	yes	yes	yes
Constant Current Accuracy ²	± 5%	± 5%	± 5%
Output Current	350mA	350mA	350mA
Voltage Range	90AC - 135AC 60Hz	90AC - 135AC 60Hz	90AC - 135AC 60Hz
Frequency Range	57Hz - 63Hz	57Hz - 63Hz	57Hz - 63Hz
Power Factor	> 0.9	> 0.9	> 0.9
Efficiency	> 70%	> 79%	> 83%
AC Current (Max)	0.2A / 120V	0.3A / 120V	0.4A / 120V
AC Inrush Current (Max)	25A / 120V	25A / 120V	25A / 120V
Leakage Current	< 0.5mA / 120V	< 0.5mA / 120V	< 0.5mA / 120V
Dimensions (L*W*H) Inches	4.45 x 1.17 x 0.67	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	-30°C +70°C
Working Humidity	20~95%	20~95%	20~95%
Storage Temp.	-40~ +80°C	-40~ +80°C	-40~ +80°C
Max Case Operation Temp.	>95°C	>95°C	>95°C
MTBF	200Khrs @ 50°C	200Khrs @ 50°C	200Khrs @ 50°C
Wire Length	7"	7"	7"
Wire Gauge (in \ out)	18AWG \ 18AWG	18AWG \ 18AWG	18AWG \ 18AWG
Safety Standards	UL8750	UL8750	UL8750
Withstand Voltage	I/P-O/P:3.75KVAC	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	I/P O/P:100Mohms/500VDC/25C
EMC Immunity \ Emission	Compliance to FCC Part 15B	Compliance to FCC Part 15B	Compliance to FCC Part 15B

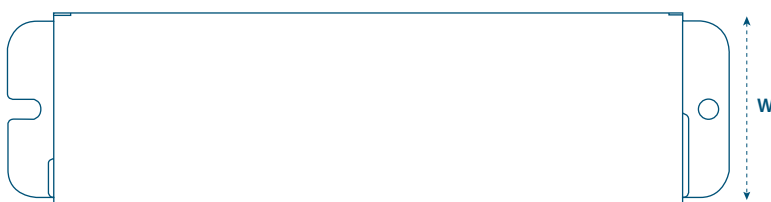
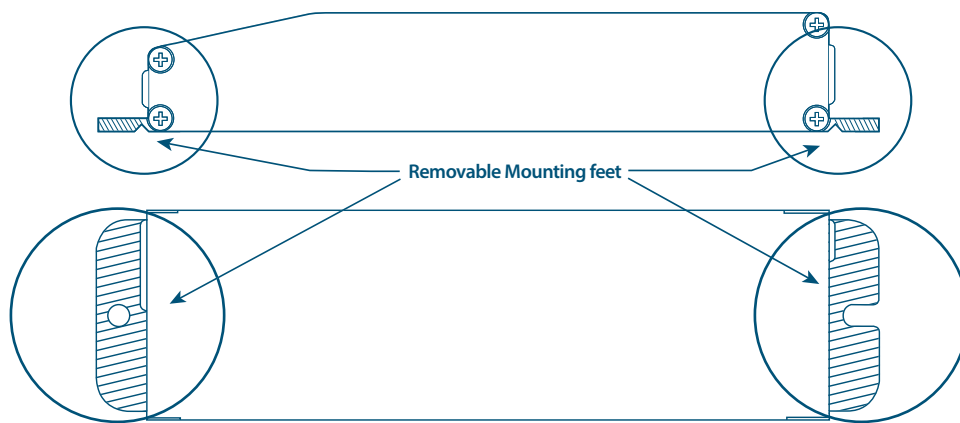
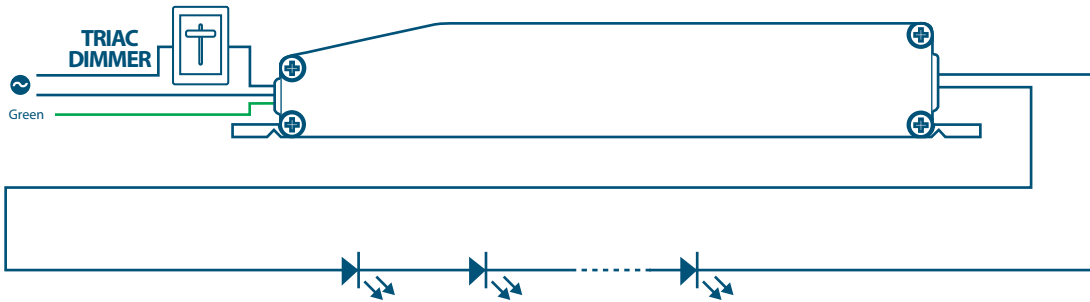
¹ May vary depending on dimmer setup time.

² Under maximum load

The specifications are subject to change without notice



Wiring Diagram



Model Name	Dimensions L \ W \ H
MCC- 06 - 0350	4.45 x 1.17 x 0.67
MCC- 12 - 0350	4.45 x 1.17 x 0.67
MCC- 21 - 0350	4.92 x 1.3 x 0.77

