Dimmable   High Power   12V DC
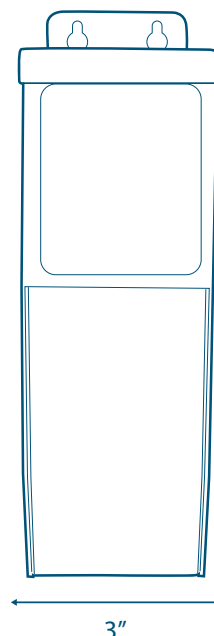
MAGNITUDE
Lighting Converters

200W LED Driver

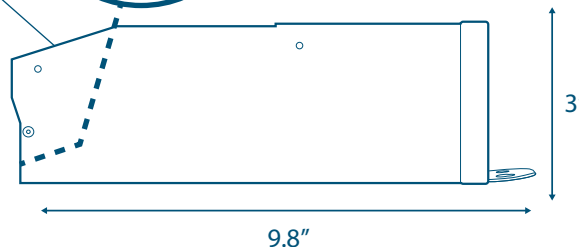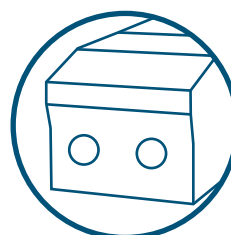**Indoor & Outdoor High Power Magnetic Dimmable LED Driver**

Product Code: M200L12DC

Magnitude's M200L12DC is the most compact LED driver on the market with a magnetic transformer core. It is equipped with two push-to-reset circuit breakers on the input and output, which protect both the load and driver. The driver is encased in a coated metal box that includes 2 knock-outs on the bottom to enable easy installation that complies with electrical code requirements.

Features

Dimmable with any standard MLV TRIAC dimmer
Dual protection - two manual push-to-reset circuit breakers on the primary and secondary sides
Low operating temperature
Two bottom knockouts
Optional 10% voltage boost to compensate for voltage drop
ETL listed
Certified to CSA Standard

3"

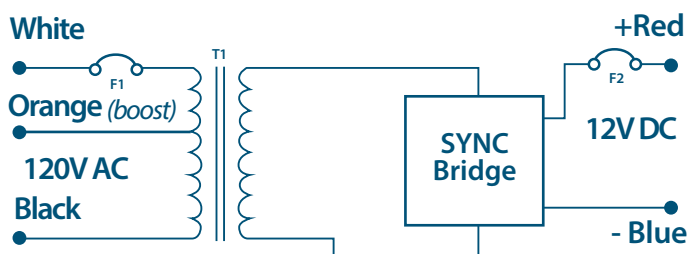3"

9.8"

Wiring Diagram

White
Orange *(boost)*
120V AC
Black

T1

SYNC Bridge

+Red
F2
12V DC
- Blue

Specifications

Max Load	200W
Input Voltage	120V AC
Input Current Full Load	2.13 A
Output Voltage Full Load	11V DC
Max Output Current Full Load	15.6 A
Open Circuit Output Voltage	12.3V DC
Efficiency on I	88%
Power Factor on I	0.92
Coil Former	Double Section Bobbin
Thermal Class	B130^{o}c
Leads Primary	PVC 600V #18
Leads Secondary	PVC 300V #12
Circuit Breaker	secondary manual push-to-reset
Dimensions L*W*H	9.8 in. x 3 in. x 3 in.
Weight	87 Oz.

The specifications are subject to change without notice

— Output Voltage vs. Load
— Output Voltage With a Typical Dimmer

	No Load	20%	40%	60%	80%	100%
Output Voltage vs. Load	12.9	12.7	12.4	12.2	11.9	11.6
Output Voltage With a Typical Dimmer	11.8	11.6	11.3	11.1	10.8	10.5