



GENERAL INFORMATION

The Mosaic Constant Voltage LED Driver provides six outputs of control for fixed color, variable white, and color changing constant voltage LED control. The driver can be paired with a standard power supply to power both the LED driver and the connected fixtures. The DIN rail mounted driver is the perfect accessory for any control system.

APPLICATIONS

- Systems that control constant voltage LED fixtures

FEATURES

- Supports 12 -24 VDC LEDs
- Provides up to 40 watts per channel power output
- Six individually controllable outputs
- DMX512 data input and pass-thru
- Configurable DMX start address
- Supports Remote Device Management (RDM) configuration
- Built-in LED test modes
- Installer friendly for permanent installation with rising clamp terminal connections and DIN rail installation

REGULATORY AND COMPLIANCE

- cETLus Listed
  - Conforms to UL-60950-1
  - Certified to CAN/CSA-C22.2 No. 60950-1
- CE Compliant
- California Title 20/24 compliant

ORDERING INFORMATION

Constant Voltage LED Driver

MODEL	DESCRIPTION
MLED-V	Mosaic Constant Voltage LED Driver

Related Products

MODEL	DESCRIPTION
MLED-C350	Constant Current 6 channel LED Driver - 350 mA per channel
MLED-C500	Constant Current 6 channel LED Driver - 500 mA per channel
MLED-C700	Constant Current 6 channel LED Driver - 700 mA per channel
MSC-OPTO	4-port DMX/RDM Opto-splitter



## SPECIFICATIONS

## GENERAL

- Configurable start address using Mosaic Designer Software or RDM configuration
- Supports USITT DMX512, DMX512 (1990) and DMX512-A
- Supports ANSI E1.20 Remote Device Management (RDM)
- Multiple built-in LED test modes set by onboard address wheel
- DMX512 data input and pass-thru

## MECHANICAL

- Six unit wide DIN Enclosure complies with DIN43880 and EN60715 (35/7.5 rail)
- Rugged aluminum enclosure
- All connections use plug-able rising clamp terminals

## ELECTRICAL

- Flexible 12–24 VDC power input based on connected LED requirements
- Power supply input used to power connected fixtures
- Supports up to 40 watts per channel, 180 watts maximum per driver
- Onboard reverse and over-voltage protection
- Self resetting over-current protection per channel
- LED indicator for DMX-input activity
- LED indicator for RDM activity

## THERMAL

- Ambient temperature: 0°–50° C (32°–122° F)
- 10–50% relative humidity, non-condensing

## PHYSICAL

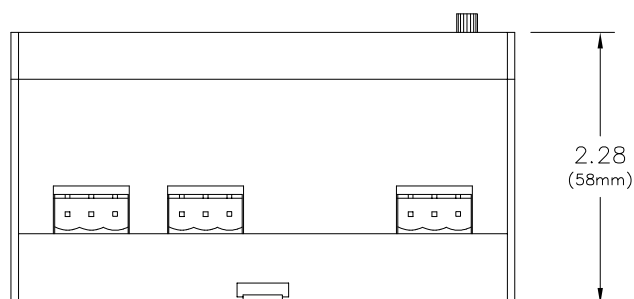
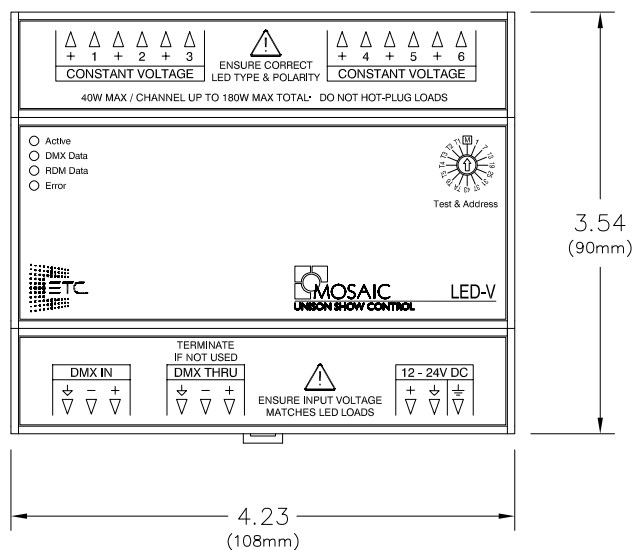
## Constant Voltage Driver Dimensions\*

MODEL	HEIGHT		WIDTH		DEPTH	
	in	mm	in	mm	in	mm
MLED-V	3.54	90	4.23	108	2.28	58

## Constant Voltage Driver Weights\*

MODEL	WEIGHT		SHIPPING WEIGHT	
	lb	kg	lb	kg
MLED-V	0.79	0.36	1.60	0.70

\*Weights and dimensions typical



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