MLE288-24DC-UD driver

PROJECT | FIRM | ORDER # | TYPE | QTY

The MLE288-24DC-UD is a multi-protocol, Class 2 driver for low voltage LED products. It can operate across a full range of mains input voltages from 100 to 277VAC, 50/60Hz and can control 24VDC loads to a total of 288W, arranged as three circuits of 96W maximum.

The MLE288-24DC-UD can accept dimmed mains from forward phase (leading edge/TRIAC) or reverse phase (trailing edge/ELV) dimmers. Alternatively, it can be used with a steady mains supply while responding to a 0-10V (sink or source) dimming control input.

The powder-coated steel NEMA 3R casing is rated for indoor and outdoor use and the base has multiple holes and slots for secure mounting.

At a glance

Power

100 to **277**VAC
50/60 Hz

Output

24VDC
3 x 96W
288W maximum

Temperature

-40° F to **140° F**
-40° C to **60° C**

Enclosure

NEMA 3R
Indoor and outdoor

Supported fixtures

Flex One SO & HO
Flex Eco
Flex Graze HO SC
Flex Tube HO SC
Flex Tube Mini

Order code

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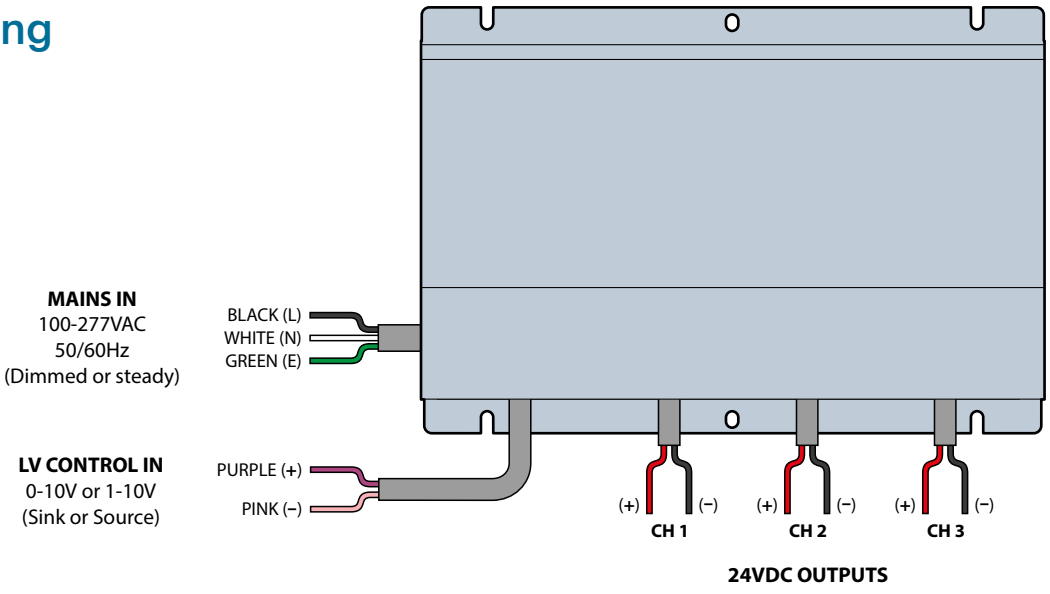
Specifications

Input voltage	100-277VAC, 50/60Hz
Output voltage	24VDC
DC output wattage	3 x 96W
DC output current	4A maximum per circuit
Control input protocols	TRIAC (forward phase), ELV (reverse phase), 0-10V (sink or source), 1-100% dimming
Control output protocols	Single channel PWM (identical response across all outputs)
Maximum power consumption	288W
Housing material	Steel
Finish	Black powder coat
Ambient temperature range	-40° F to 140° F (-40° C to 50° C)
Ingress protection	NEMA 3R, indoor or outdoor location
Connections	3 wire lead for AC input, 2 wire leads for 0-10V and DC output, conduit knockouts
Warranty	5 years, limited
Weight	5.5 lbs (2.5 kg)
Dimensions	See page 3
Certifications	c UL us LISTED, CSA

Wiring



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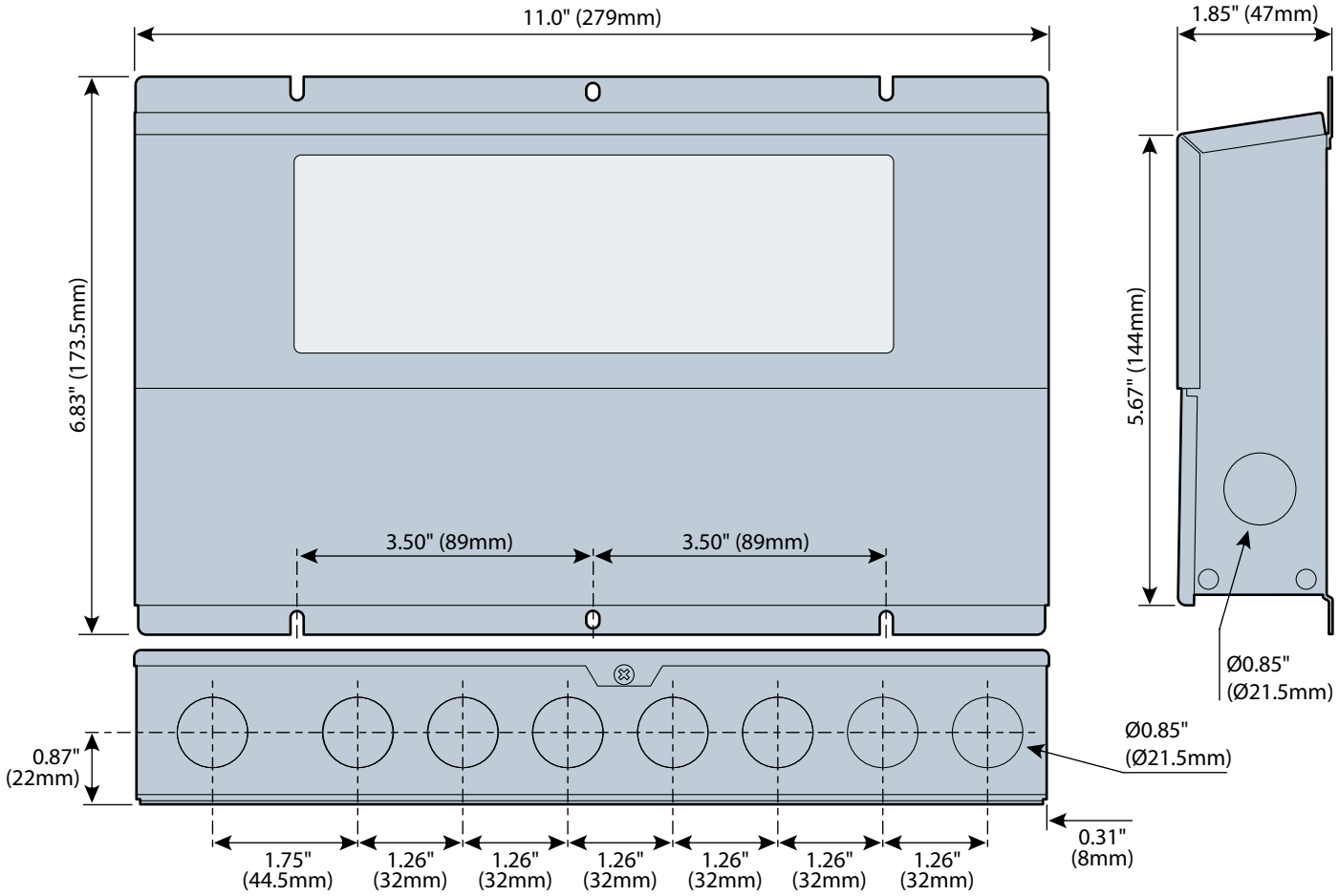
Dimensions



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