moda LIGHT®
SPECIFICATION

MP86 DRIVER

Specification grade 12V DC 100W LED driver. Universal input 100-277V AC for worldwide use. 0-10V dimmable. Durable steel construction matte black finish. Quality construction by MODA engineers ensures long life. Fully potted. Ergonomic design. Built-in active PFC function. Fully protected from Over Current, Short Circuit and Over Temperature. Cooling by free air convection. IP66. Tested by UL.

OUTPUT

DC Voltage	12V
Rated Current	0.833A - 8.33A
Rated Power	100W
Efficiency (Typ.)	89.0%
Dimming	0 - 10V

INPUT

Voltage Range	100 - 277V AC
Frequency Range	50 / 60 Hz
Power Factor	< 0.95
Input Current	0.98A at 120V AC / 0.42A at 277V AC

PROTECTION

Open Current	Yes
Short Circuit	Yes
Surge Protection	Yes
Over Temperature	TCase: Max 194° (90° C)
	Type: Shutdown Mode (Re-power on to recover)

STANDARDS & CERTIFICATIONS

Safety Standards	UL8750, CSA C22.2 No. 107.1 CAN/CSA-C22.2 No. 250.13-12
RoHS	Compliant
Class	2
Warranty	5 Year Limited Warranty

Project Name:

Notes:

PHYSICAL

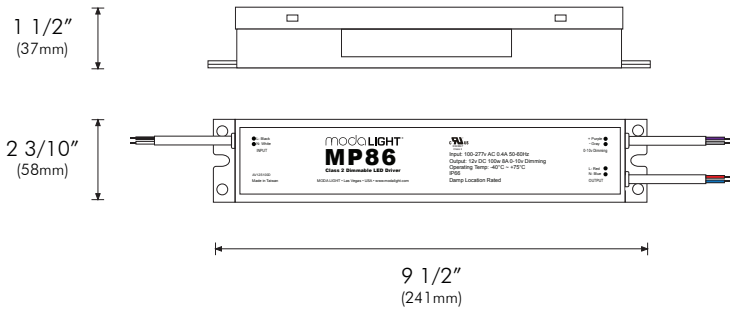
Dimensions	Length 9 1/2" (241mm) Width 2 3/10" (58mm) Height 1 1/2" (37mm)
Weight	1.8 lbs (816g)
Construction	Steel Construction, Fully Potted
Thermal Management	Free Air Convection

ENVIRONMENT

Location	Wet Location Rated IP66 *Driver and exposed wires must be housed in enclosure.
Operation Temp.	- 40° F ~ 167° F (- 40° C ~ 75° C)
Operation Humidity	0% ~ 100%
Storage Temp.	- 40° F ~ 176° F (- 40° C ~ 80° C)
Storage Humidity	0% ~ 90% RH

Note: With constant development of LED technology please refer to our website for current technical data

DIMENSIONS



MODA TECHNOLOGY

modaDRIVER™

STANDARDS & CERTIFICATIONS

Due to continuous improvements and innovations, specifications may change without notice. Please refer to our website for current technical data. These figures are provided as a guideline only and may vary with differing power supplies and installtions. All rights reserved. E&OE.

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