

# modaLIGHT<sup>®</sup>

## SPECIFICATION

## MP87 DRIVER

Specification grade 24v 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	24v
Rated Current	0.41A - 4.1A
Rated Power	100w
Efficiency (Typ.)	90.0%
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

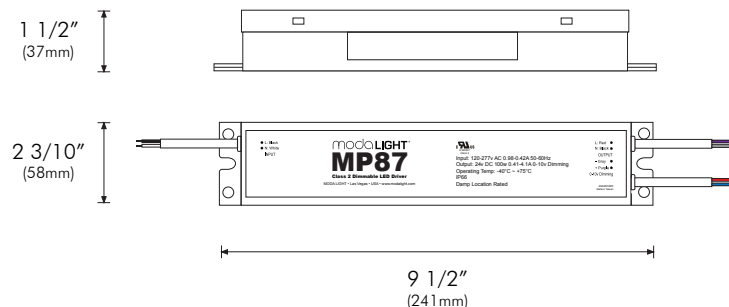
Dimensions	Length 9 1/2" (241mm) Width 2 3/10" (58mm) Height 1 1/2" (37mm)
Weight	1.8 lbs (816g)
Construction	Steel Construction, Fully Potted
Thermal Management	Free Air Convection

### ENVIRONMENT

Location	Wet Location Rated IP66
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 installations. All rights reserved. E&OE.

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