

modaLIGHT[®]

SPECIFICATION

MP18N DRIVER

Class 2 specification grade 12V DC 60W 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	5A
Rated Power	60W
Efficiency (Typ.)	83.0%
Dimming	0 - 10V *10%-100%

INPUT

Voltage Range	100 - 277V AC
Frequency Range	50 / 60 Hz
Power Factor	< 0.95
Input Current	0.61A at 120V AC / 0.27A 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
Withstand Voltage	I/P - O/P: 2.00kv AC
Class	2
Warranty	5 Year Limited Warranty

Project Name:

Notes:

PHYSICAL

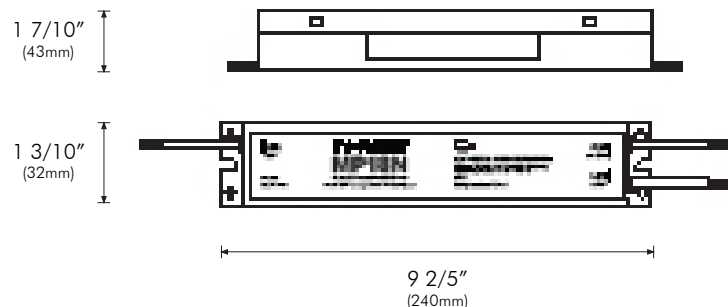
Dimensions	Length 9 2/5" (240mm) Width 1 7/10" (43mm) Height 1 3/10" (32mm)
Weight	1.3 lbs (590g)
Construction	Steel Construction, Fully Potted
Thermal Management	Free Air Convection

ENVIRONMENT

Location	Wet Location Rated IP66 *Driver and exposed wires must be housed in a wet location rated enclosure.
Operation Temp.	- 40° F ~ 167° F (- 40° C ~ 75° C)
Operation Humidity	20% ~ 95% RH Non Condensing
Storage Temp.	- 4° F ~ 176° F (- 20° C ~ 80° C)
Storage Humidity	10% ~ 90% RH

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

DIMENSIONS



MODA TECHNOLOGY

modaDRIVER™

STANDARDS & CERTIFICATIONS



ORDERING SKU: MP18N

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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