[MP LIGHTING]

LED18W700iZ-01

CONSTANT CURRENT
18W, 700mA, 0-10V dimmable, 120~277V AC Input

- Damp and Dry location

(UL Class2)

Ordering Information

Clear Form

Date : _____ Quantity : _____

Project : _____ Note : _____

Type : _____ _____

Specifications

LED Driver | Example Code: LED18W700iZ-01-B

Product	Enclosure
LED18W700iZ-01	**B**

B driver enclosure

Important Notes

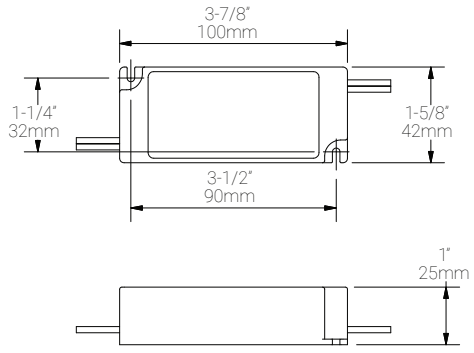
Warranty Notes & Disclaimer

MP Lighting reserves the right, at its sole discretion, at any time and without notice, to make improvements and innovations to any of our products. Consult MP Lighting website for further details.

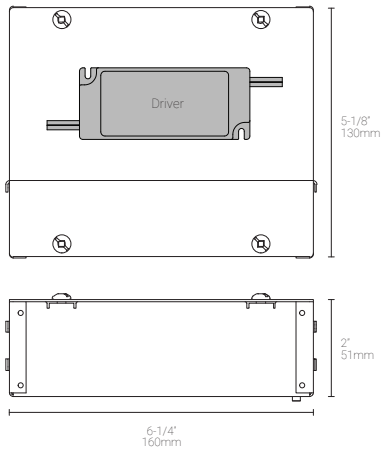
1. *Do not install on-off switch at the output (load) side of a constant current LED driver as it will damage the fixture(s) and will void the warranty on both driver and fixture(s).*
2. *Fixtures must be wired as per MP Lighting's instruction (series wiring for constant current driver and parallel wiring for constant voltage drivers.) Failures due to improper installation will void warranty.*

Dimensions

Driver



Driver with Enclosure (EBX-160-ZP)



LED18W700iZ-01

CONSTANT CURRENT
18W, 700mA, 0-10V dimmable, 120V AC Input

- Damp and Dry location

(UL Class2)

Performance

Input	Output	Efficiency
Voltage: 120~277V AC, 50/60 Hz	**Voltage:** 25V max.	**Power Factor:** 0.9 minimum.
	Current: 700mA Constant	**Typical Efficiency:** 80%
	Wattage: 18W maximum	

Controls

Dimming Protocols	0-10V dimmable. Can be used in both dimming & non-dimming systems.
Dimming Range	10%~100%

Recommended Load

Driver Load — Typically used for 2W LED fixtures with the load below:

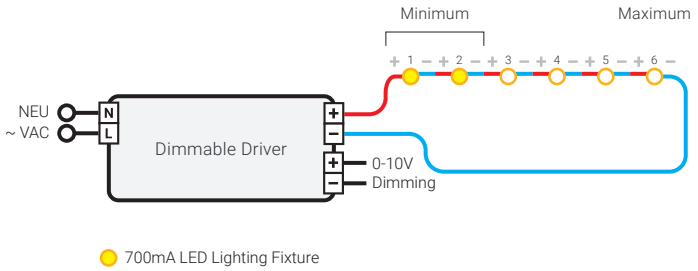
Systems		Load	
Input Voltage	**System Dimming Option**	**Minimum**	**Maximum**
120V only	Dimming	2	6
	Non- Dimming	2	6
> 120V~277V	Dimming	2	6
	Non- Dimming	2	6

Application

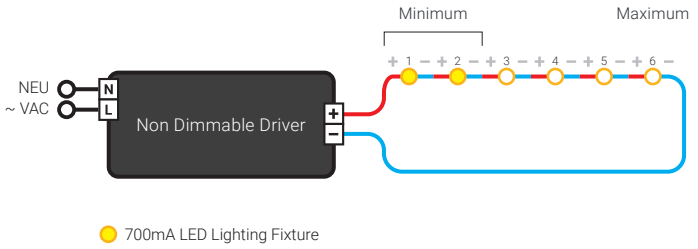
Environments	Damp and Dry Location approved.
Ambient Temperature	-20°C (-4°F) minimum.
Case Temperature	80°C (176°F) maximum.
Driver Protection	Short Circuit, Overload & Over-voltage protection.
Weight	140g (0.31lb).
Case Material	Plastic.

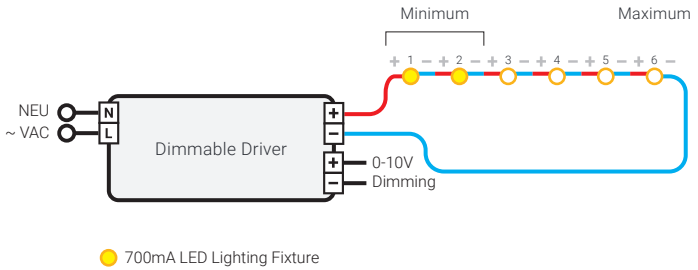
Wiring Diagram

Dimming | For use with 2-6 x 2W LED lighting fixtures (700mA), wired in series



Non-Dimming | For use with 2-6 x 2W LED lighting fixtures (700mA), wired in series



Wiring Diagram | 8W

Dimming | For use with 1-2 x 8W LED lighting fixtures (700mA), wired in series