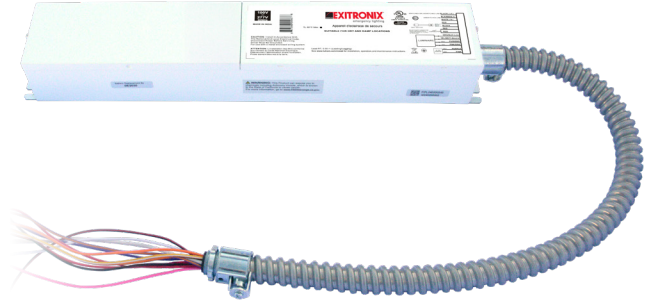


The MI-25 delivers power to any fixture (any tech type) in emergency mode for 90 minutes at 25W. The MI Series is designed to function in conjunction with the existing building electrical system to provide back-up power protection and distribution for lighting loads and other critical loads in the event of utility power failure. The MI-25 Series can support one luminaire rated for 150W or multiple fixtures whose system wattage adds up to 150W in nominal operation. In the event of a power failure, all connected fixtures are powered at full output providing brighter illumination for a clear path of egress.

### SPECIFICATIONS

<b>Capacity:</b>	25W
<b>Input Voltage / Frequency:</b>	100-277VAC, 50/60Hz
<b>Input Current:</b>	0.12A
<b>Input Power</b>	11W
<b>AC Load Input Power:</b>	150W Max. when using 0-10V dimming 25W Max. when 0-10V dimming is not used
<b>Standby Input Power:</b>	Meet CEC
<b>Driver Type:</b>	Limit Max Power
<b>Output Power:</b>	25W Max. (45VA Max.)
<b>Output Voltage Range:</b>	120/220/277VAC Auto Select, 60Hz.
<b>Load Power Factor Range:</b>	25W Load, PF>0.55
<b>Number of Output Channels:</b>	1 Channel
<b>RFI/EMI:</b>	FCC Part 15A Non-Consumer
<b>Output Type:</b>	Isolated
<b>Battery Type:</b>	LiFePO4
<b>Battery Capacity Available:</b>	3600mAh
<b>Battery Recharge Time:</b>	12 Hours
<b>Battery Discharge Time:</b>	90 Minutes Min.
<b>Test Switch Wire Length:</b>	23" (584.2mm)
<b>Test Switch Remote</b>	65.6' (20m) Max.
<b>Monitoring Distance:</b>	
<b>Remote Mounting Distance:</b>	Up to 164' (50m) with 18AWG
<b>Input Surge Protection:</b>	2.5kV Ring Wave, Under Voltage Protection, Overload Protection, Short Circuit Protection
<b>Operating Temperature:</b>	0°C to 50°C (32°F to 122°F)
<b>Sound Rating:</b>	A
<b>Service Life:</b>	50,000 hours
<b>Listings:</b>	UL 924 Listed, CSA C22.2 NO.141-10/cUL, CEC, RoHS, IP20

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
Accessories: \_\_\_\_\_  
Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



### WARRANTY

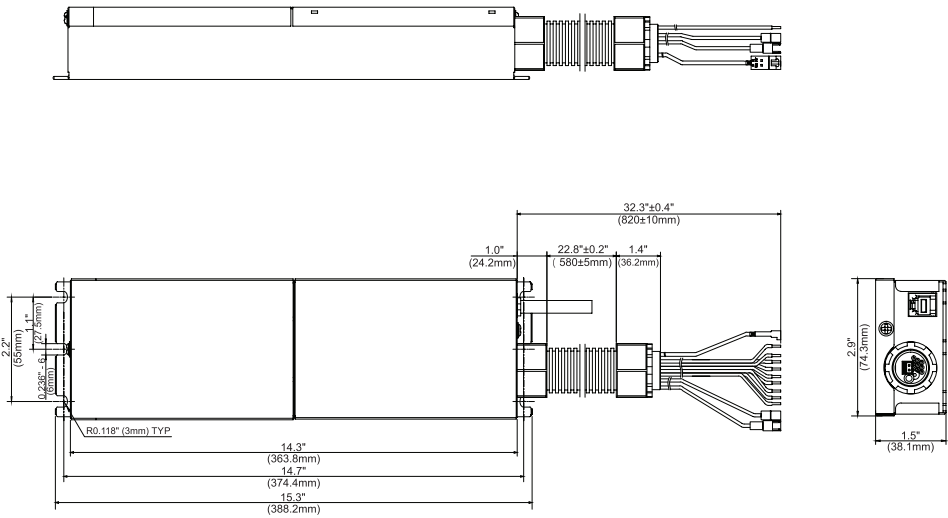
Any component that fails due to a manufacturing defect is guaranteed for five years with a separate five year prorated warranty on the battery. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full Exitronix warranty document for detailed information. (Terms and Conditions apply)

### ORDERING INFORMATION Example: MI-25-G2

Model	Description
MI-25-G2	Compact Micro Inverter, 25W, LiFePO4, 100-277VAC Input, 120/220/277VAC Output, Self-test/Self-diagnostics, 23" Conduit Whip

Accessories <sup>1</sup> (Field Installed)	
MI-TSTWL-BC = Bi-Color, Wet Location Test Switch	
MI-EXT-48-TST = 48" Test Switch Extension	
MI-WLP-WH = White Wall Plate, Black Lettering	
	<b>Notes</b>
	<sup>1</sup> Order as separate line item

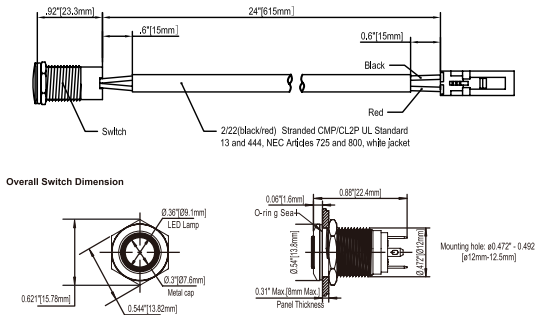
DIMENSIONS



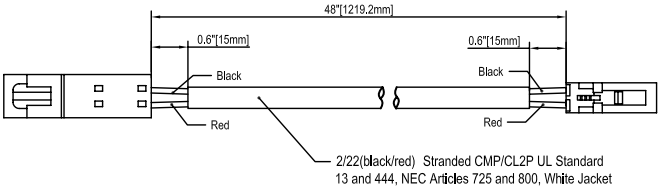
Overall Dimensions	
Length	15.3" (388.2mm)
Width	2.9" (74.3mm)
Height	1.5" (38.1mm)

ACCESSORIES

Bi-Color Wet Location Test Switch: MI-TSTWL-BC



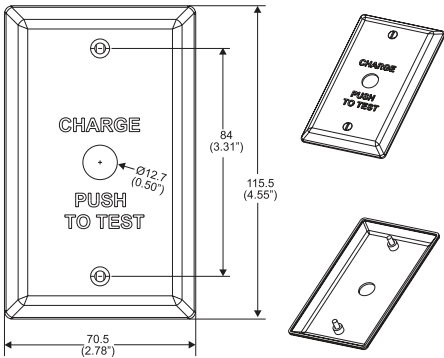
Test Switch Extension: MI-EXT-48-TST



Optional Wall Plate: MI-WLP-WH



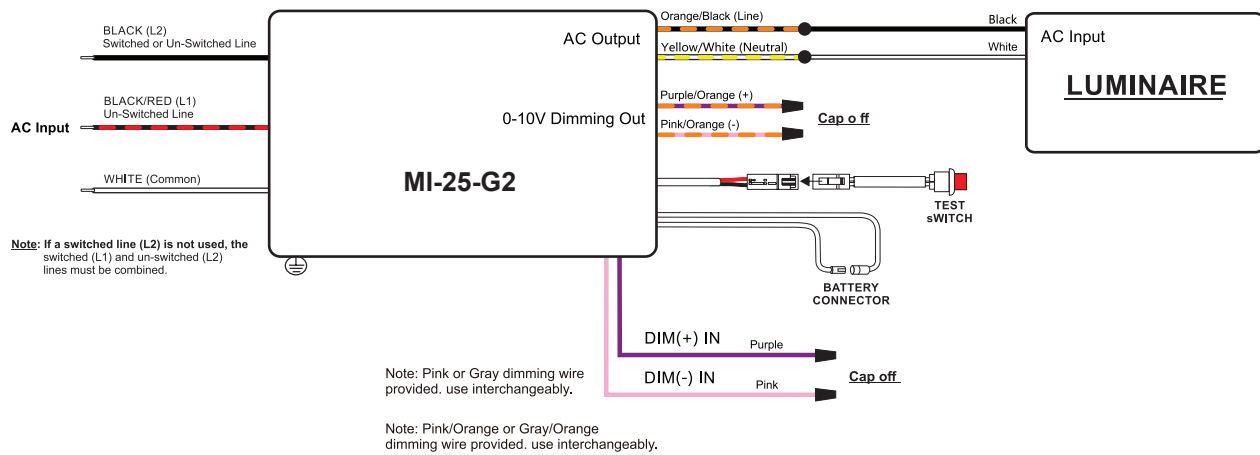
Wall plate and screw color:  
white with black lettering



1. "Charge push to Test" plate  
2. (2) 6-32 x 1/2" LG mounting screws

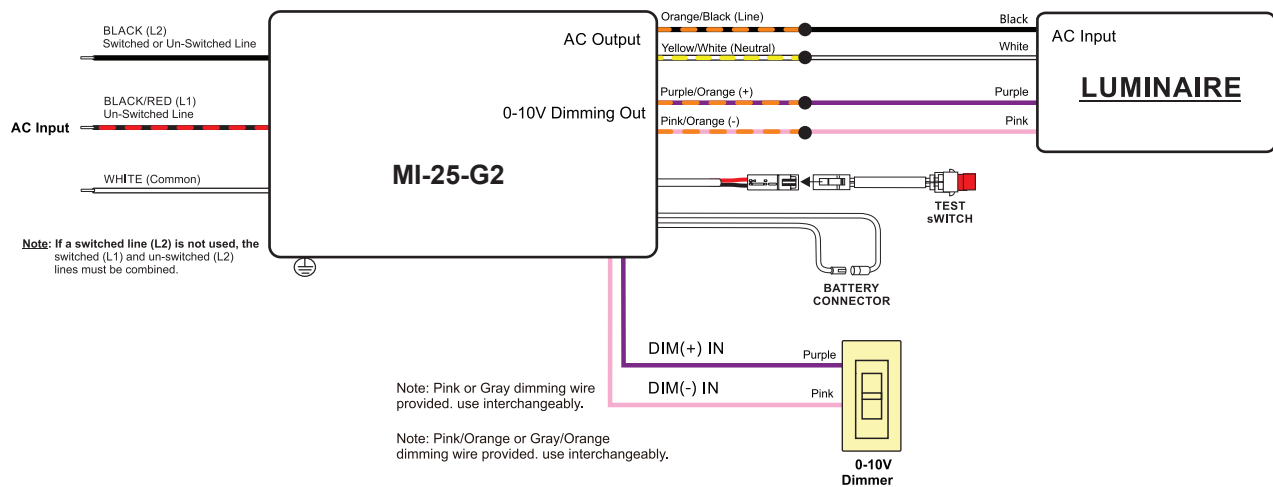
## WIRING DIAGRAM 1

For Luminaire(s) with an output power less than 25W (45VA) and Non 0-10 dimming function.



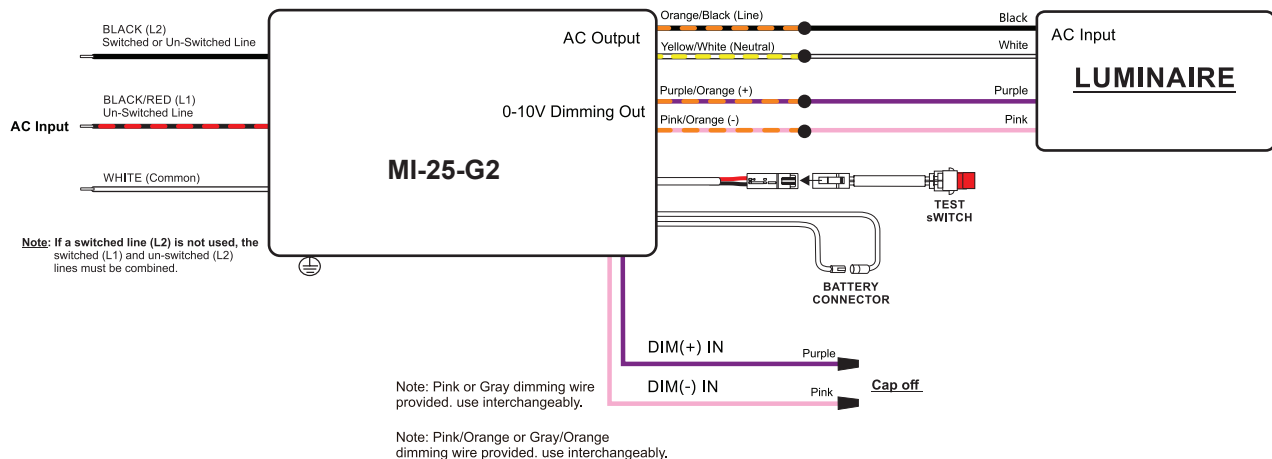
## WIRING DIAGRAM 2

For Luminaire(s) with an output power less than 150W (170VA) and have 0-10 dimming function.



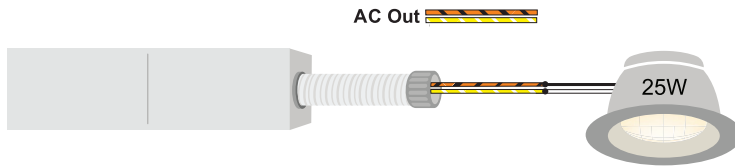
## WIRING DIAGRAM 3

For Luminaire(s) with an output power less than 150W and 0-10 dimming function but 0-10V dimming is not used during normal operation.



#### WIRING DIAGRAM 4

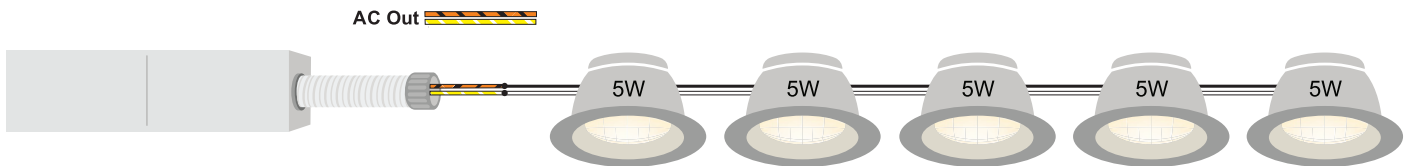
### Wiring one single luminaire without 0-10V dimming



- One 25W luminaire powered at 100% during emergency

#### WIRING DIAGRAM 5

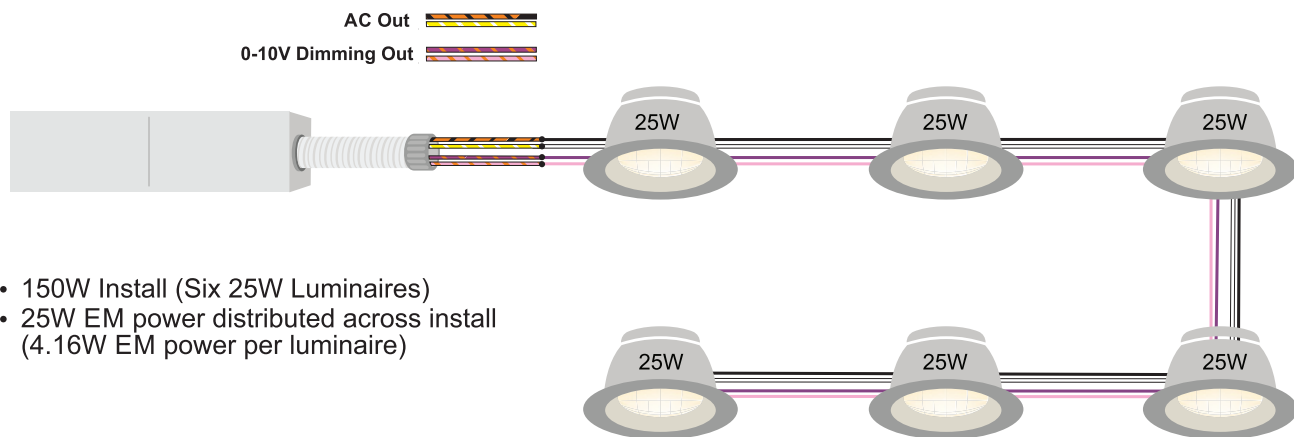
### Wiring multiple luminaires without 0-10V dimming



- Five 5W luminaires powered at 5W each during emergency

#### WIRING DIAGRAM 6

### Wiring multiple luminaires with 0-10V dimming



- 150W Install (Six 25W Luminaires)
- 25W EM power distributed across install (4.16W EM power per luminaire)