

# MWP1-3G LED

## INSTALLATION INSTRUCTIONS



**BEFORE YOU BEGIN**  
Read and follow all safety instructions



### WARNING

#### RISK OF FIRE, EXPLOSION AND ELECTRIC SHOCK

- This product should be installed, inspected, and maintained by a qualified electrician only, in accordance with the NEC (National Electric Code) and all local codes.
- Turn off electrical power before inspection, installation or removal.
- Use only UL (or other NRTL) approved wire for input/output connections.
- Make sure LEDs and drivers are cool to touch when performing maintenance. Make sure the supply voltage is the same as the rated voltage of the luminaire.
- Do not install in a hazardous atmosphere, except where the ambient temperature does not exceed the rated operating temperature of the fixture.
- Keep tightly closed when in operation



#### Prepare Electrical Wiring



##### Electrical Requirements

Must check if the local voltage range is correspond with the working voltage of the fixture. Use min. 75°C supply.



##### Grounding Instructions

The grounding and bonding of the overall system shall be done in accordance with NEC Article 600 and local codes.



Follow all applicable safety procedures and use Personal Protective Equipment such as hardhats, safety glasses, reflective vest, electrical safety gloves, fall protection equipment and safety toe boots during the installation, operation, and maintenance of the luminaire.

**IMPORTANT**-to weather-proof your outdoor installation, be sure to seal all housing. (Mounting, Conduit, Plugs, Etc.) with silicone sealant.

**\* Any damage caused from improper installation will void warranty and not be accepted for RGA (Return Goods Authorization). Improper installation includes but not limited to field-drilled hole(s), improper closure/seal and any damage caused during installation.**

Contractor is responsible for adequately reinforcing ceilings to support luminaire weight. Utopia Lighting accepts no responsibility for inadequately reinforced ceilings. The information contained in this drawing is the sole property of Utopia Lighting.

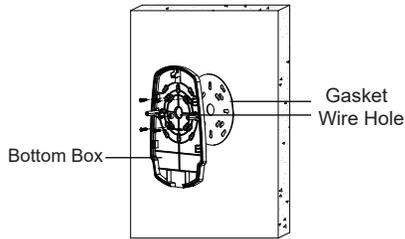
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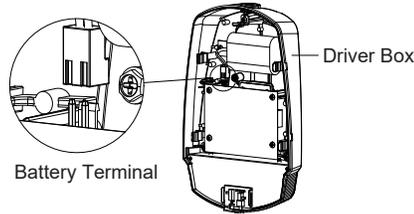
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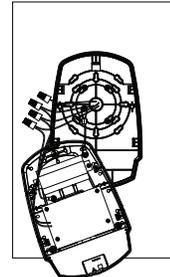
### Installation



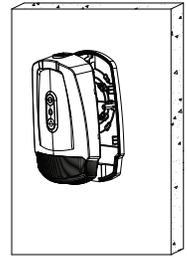
[Fig.1] Follow steps 1-4.



[Fig.2] Follow step 5.



[Fig.3] Follow steps 6-7.



[Fig.4] Follow steps 8-9.

1. Take out the bottom box and gasket from the packaging box.
2. Use an electric drill to drill out the wire holes on the bottom plate.
3. Tear off the film on the EVA pad and stick it on the back of the bottom box.
4. Use screws (prepared by the user) to fix the bottom plate to the wall.
5. Take out the drive box from the packaging box and insert the battery terminal into the interface.
6. To facilitate wiring, hang the hanging rope on the bottom box screw.
7. Complete the wiring (refer to the wiring diagram).
8. Align the driver box to the bottom box and press the driver box firmly.
9. Installation is complete.



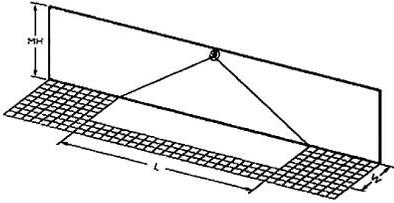
**Two-step easy installation**  
fix the base on the wall and snap-in.



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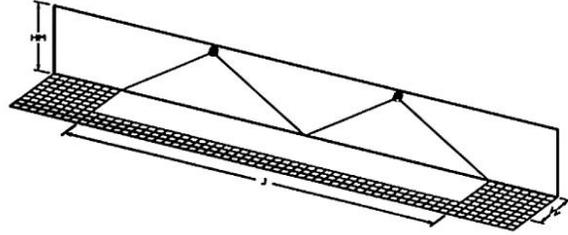
## INSTALLATION INSTRUCTIONS

### Spacing Guidelines



Single Unit

Mounting Height	Path of Egress Length		Average Foodcandle
	Width	Length	
8'	21'	31'	1.44
10'	22'	33'	1.23
12'	24'	35'	1.03



Two Units center-to-center spacing

Mounting Height	Path of Egress Length		Average Foodcandle
	Width	Length	
8'	21'	31'	1.44
10'	22'	33'	1.23
12'	24'	35'	1.03

### Wiring Diagram

For dimming version, please check wiring diagram below.

#### WITH EMERGENCY BATTERY



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### Test Switch Indication Status and Troubleshooting Guide

#### Automatic Detection Cycles

- Automatically detected every 30 days.
- Automatically detected and discharged for 90 minutes every six months.

The instruction manual for equipment with ELCF capability shall describe the operational mode(s) of the ELCF and describe the appropriate testing and diagnostic procedures. where ELCF capability is dependent on signals or power received from or transmitted to other equipment, the instructions shall include identification of the other equipment, any constraints on the installation of or means of interaction with that equipment, and a description of procedures to verify that the intended interoperability is established.

#### (1) Normal Mode (Normal Power Connection Scenario)

In this mode, the luminaire enters daily charging, standby, or automatic inspection. The indicator light reflects the basic operating status:

LED Indicator Status	Indication Analysis (Function/Fault)	Corrective Action
Steady Green	Charging in progress (Fully charged)	/
Flashing Green	Automatic inspection in progress (self-inspection of circuits, battery, etc.)	/
Steady Red	Charging anomaly (fault in charger, charging circuit, or battery charging module)	<ol style="list-style-type: none"> <li>1. Check if the charging cable is properly connected and undamaged.</li> <li>2. Test with a charger of the same specification.</li> <li>3. If the issue persists, contact after-sales for maintenance (involving professional inspection of internal circuits/modules).</li> </ol>
Flashing Red	Battery anomaly (loose connection, poor contact, or battery fault)	<ol style="list-style-type: none"> <li>1. After power-off, open the battery compartment to check for loose connections or reinstall the battery.</li> <li>2. Reinstall the battery and test power-on. If the fault persists, contact after-sales to replace the compatible battery.</li> </ol>

#### (2) Manual Button Test Mode

Actively trigger a test to verify the emergency function and battery endurance. The indicator light reflects the test results:

LED Indicator Status	Indication Analysis (Function/Fault)	Corrective Action
Flashing Green	Test normal (battery power activated)	/
Steady Red	Charging anomaly (fault in charger, charging circuit, or battery charging module)	Refer to the "Normal Mode - Steady Red" process for inspection/contact after-sales.
Alternating Red-Green Flashing	Low emergency battery power (insufficient reserve power)	/

#### (3) Safety Operation Reminder

- Disconnect power before disassembling the battery or inspecting circuits.
- Non-professionals must not disassemble internal circuit modules to prevent electric shock or equipment damage.

