

Standard Installation



Flammable



Warning



High Voltage



Hot Surface

MINI-MICRO

WALL MOUNT DUAL - UPM SURFACE MOUNT - LED

TOOLS NEEDED:

-  1/8", 5/64" & 5/32" Allen Wrench
-  Waterproof Wire Connectors
-  Hammer
-  Phillips Screwdriver
-  1/4" Drill Bit and Drill
-  Mounting Hardware

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

Lighted fixture is HOT!

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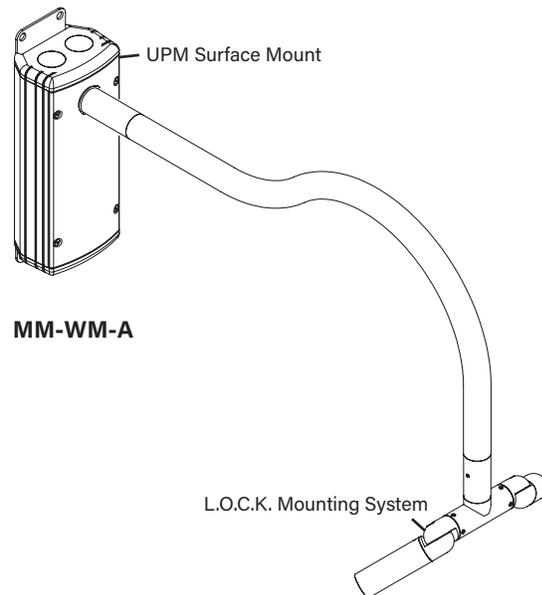
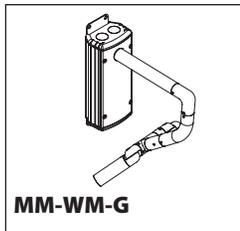
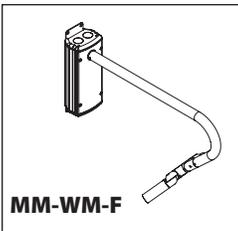
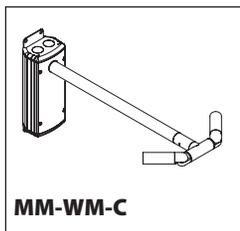
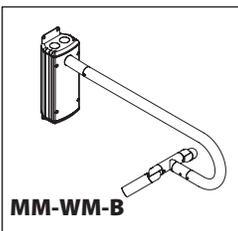
SAVE THESE INSTRUCTIONS

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- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. The use of damaged components may cause an unsafe condition and void product warranty.
- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet locations



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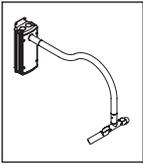
B-K LIGHTING

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RELEASE DATE
 02/08/2024

REFERENCE NUMBER
 INS-2249-00

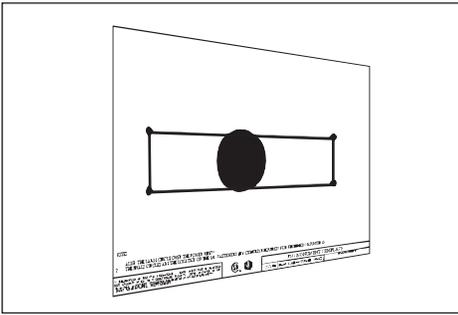
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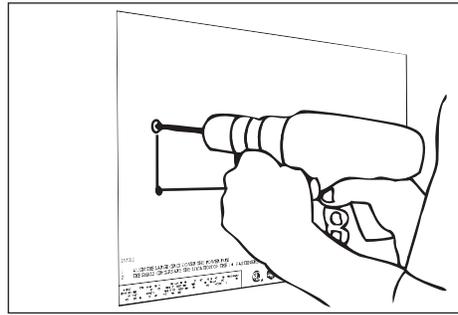
Standard Installation

MINI-MICRO

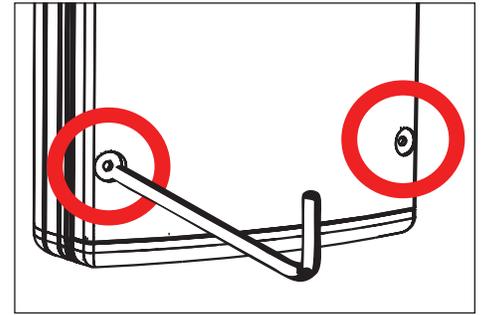
WALL MOUNT DUAL - UPM SURFACE MOUNT - LED



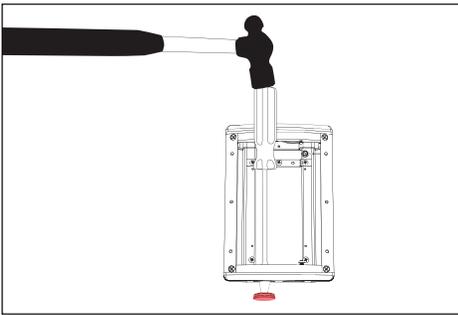
1. Prepare for final mounting position according to designed lighting plan.



2. Drill holes into surface for 1/4" fasteners on locations illustrated on template.

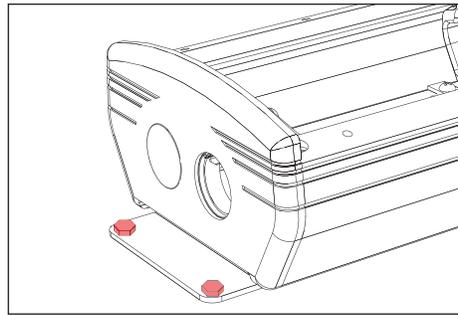


3. Loosen four (4) #6-32 captive screws using a 5/64" allen wrench and disconnect quick disconnect to remove faceplate of UPM housing.



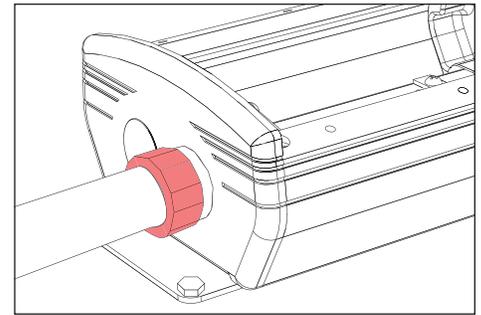
4. Remove Patented Knockout(s) as necessary from the inside of the UPM housing. Leave remaining unused knockouts in place to maintain seal.

⚠ NOTE: Patented design featuring a silicone o-ring allowing knockout to be tapped back into place to renew seal integrity.



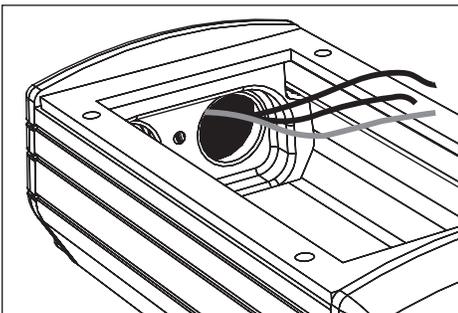
5. Attach the UPM housing at mounting brackets with 1/4" fasteners. Use suitable mounting hardware for surface.

⚠ NOTE: Many methods exist to bolt to a flat surface. The fixture is provided with mounting brackets with 1/4" holes.

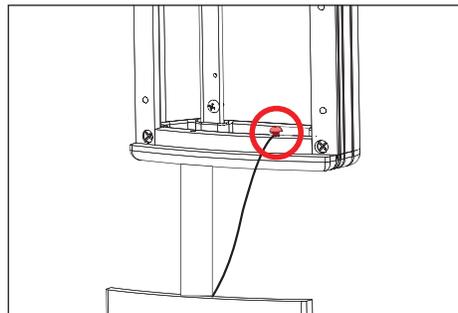


6. Connect 3/4" conduit connector through female threaded conduit entry.

⚠ NOTE: Surface conduit is a common entrance for water if not properly sealed. Seal connector threads and conduit with a suitable sealant (teflon tape, adhesive, etc.). Sealing the conduit after knockouts are removed is required to maintain warranty.

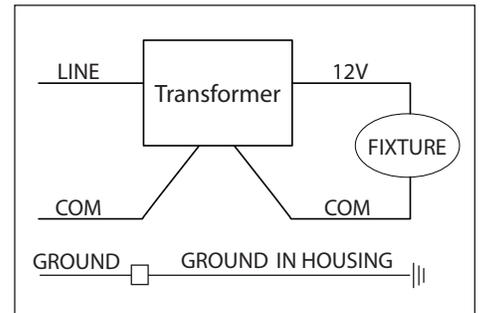


7. Pull branch circuit wiring necessary for installation.



8. Attach tether wire under screw head at the base of the UPM housing and tighten. Slowly lower the faceplate until tether is taut.

⚠ NOTE: Faceplate tether supplied with UPM is designed as an installation aid and NOT a safety cable. Do not add weight to, or drop faceplate.



WIRING DIAGRAM

9. Use waterproof wire connectors (not included) to connect transformer primary leads to branch circuit wires. Connect incoming ground to ground wire provided in UPM housing. **See wiring diagram.**

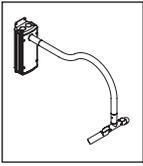
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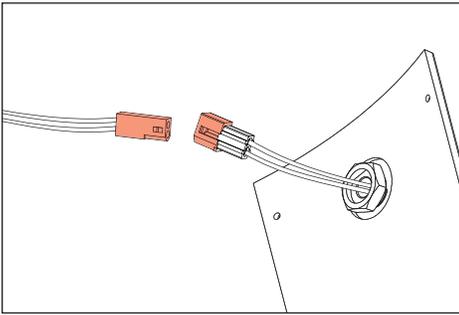
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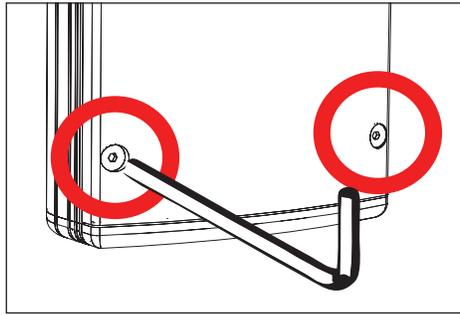
Standard Installation

MINI-MICRO

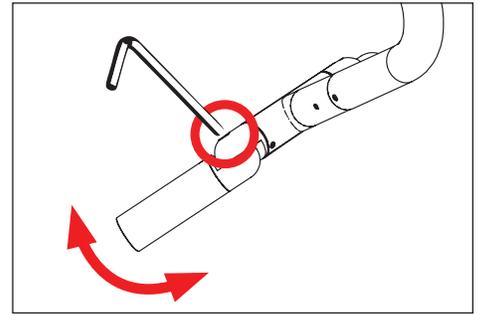
WALL MOUNT DUAL - UPM SURFACE MOUNT - LED



10. Connect secondary leads from transformer to fixture leads using pre-wired factory quick disconnect.



11. Make sure UPM housing gasket is free of any dirt or debris. Attach the faceplate by tightening the four (4) #6-32 captive screws evenly using a 5/64" allen wrench.



12. Use a 5/32" allen wrench to loosen #10-32 stainless steel black oxide socket head cap screw at the knuckle. Aim fixture to desired vertical location. Tighten to secure aiming position.

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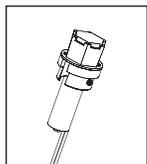
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LED BOARD/DRIVER/OPTICS

1" Body Size



Standard Installation/Replacement



Flammable



Warning



Low Voltage



Hot Surface

TOOLS NEEDED:



.050" & 9/64" Allen Wrench



Small Flat Head Screw Driver

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

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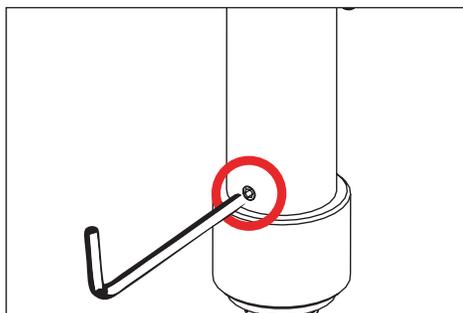
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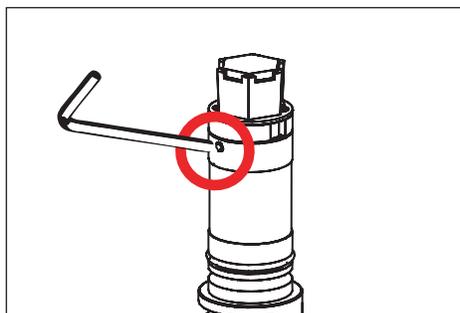
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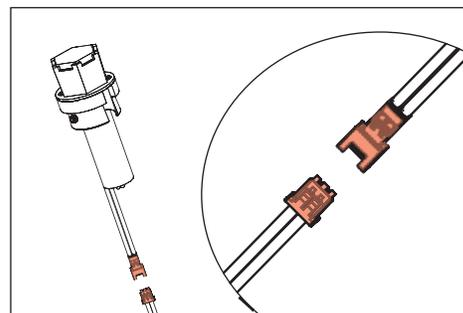
Re-placing LED Board/Driver and Optics



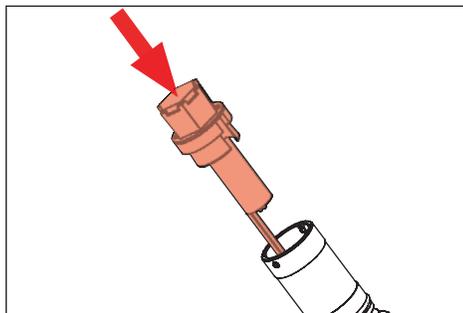
1. Use a 5/64" allen wrench to loosen #8-32 stainless steel set screw and remove cap.



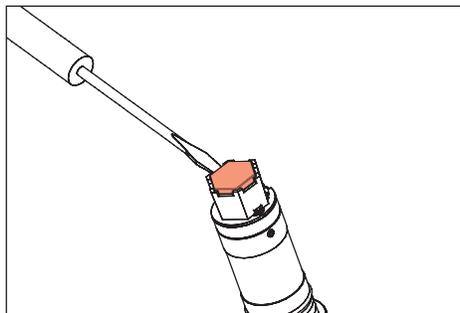
2. Use a .050" allen wrench to loosen two (2) #4-40 stainless steel set screws below LED board on the heat sink. Gently pull up on LED board and Driver assembly to expose quick disconnect.



3. Disengage LED board and driver assembly. Replace with new board and driver assembly.



4. Reverse install LED board and driver by carefully wrapping 18 gauge wires around driver and inserting into fixture body. Secure LED board in place with two (2) #4-40 stainless steel set screws.



5. Use small flat head screw driver to remove lens from optic holder on the LED. Snap new optic in place. Replace cap on fixture and tighten set screw.

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Standard Adjustment

L.O.C.K. KNUCKLE SYSTEM



Flammable



Warning



Hot Surface

TOOLS NEEDED:

5/32" & 5/64" Allen Wrench

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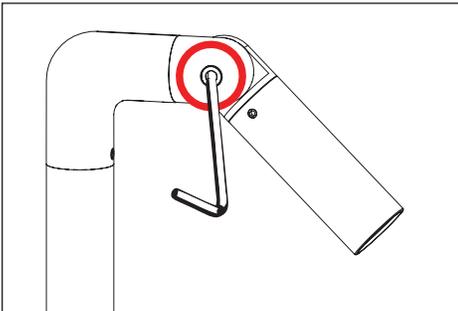
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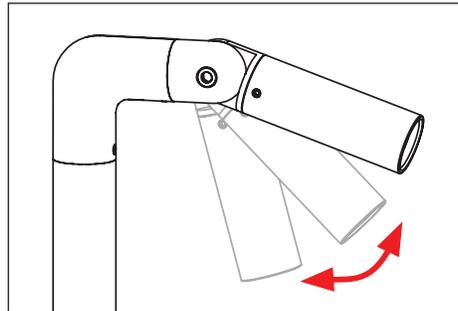
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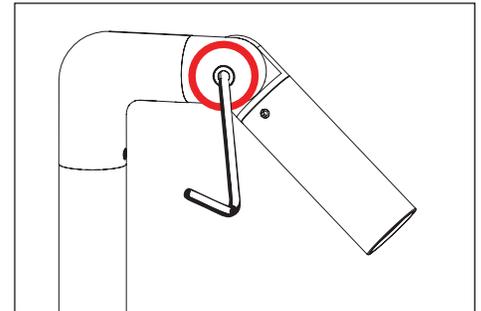
L.O.C.K. Knuckle - (Locking 'O' Ring Compression Knuckle)



1. Use a 5/32" allen wrench to slightly loosen #10-32 stainless steel set screw on the stem for 180° aiming purpose.

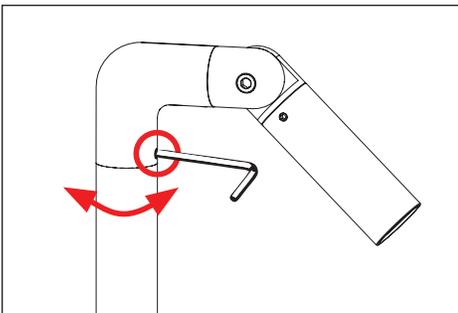


2. Aim fixture to desired angle.

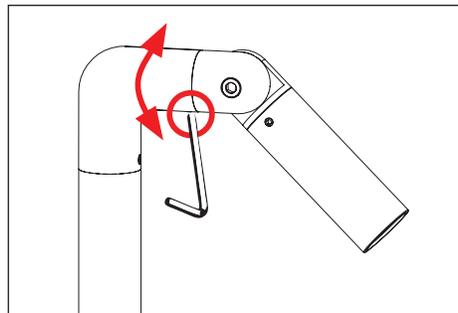


3. Tighten #10-32 stainless steel set screw using a 5/32" allen wrench to secure aiming position.

⚠ Warning: Do not over tighten set screw. Doing so will compromise o-ring seal and will void warranty. Cap should be able to rotate without force.



4. To adjust stem horizontally, loosen two (2) #8-32 screws at base of stem cap using a 5/64" allen wrench. Adjust as needed, then secure.



5. To adjust stem, loosen #8-32 screw with a 5/64" allen wrench at stem cap. Adjust as needed, then secure.

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