

Standard Installation

MINI-MICRO

WALL MOUNT DUAL - CANOPY - LED



Flammable



Warning



Low Voltage



Hot Surface

TOOLS NEEDED:

-  1/8", 9/64", & 5/32" Allen Wrench
-  Waterproof Wire Connectors

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

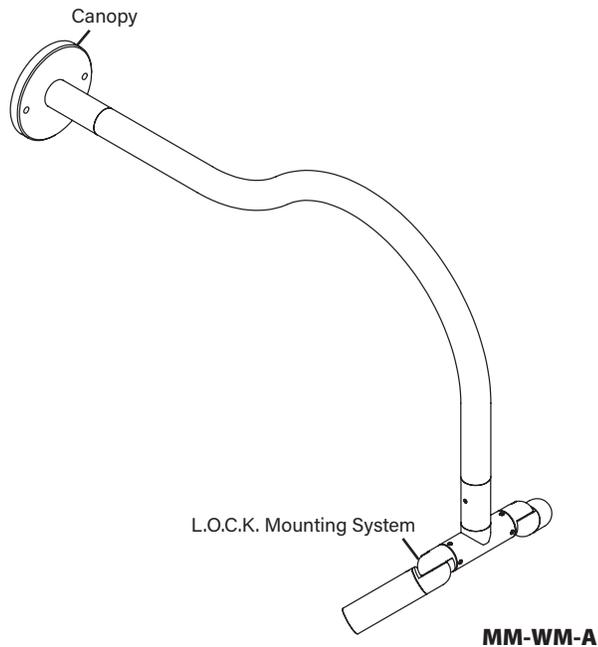
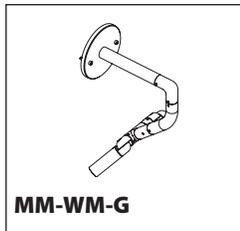
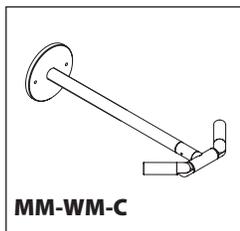
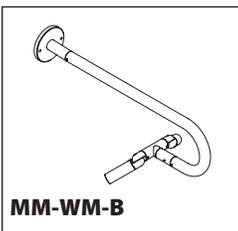
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- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and 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

Please refer to the low voltage design guide at "<https://www.bklighting.com/resources/>" before installation for proper wire selection.



IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE THESE INSTALLATION INSTRUCTIONS

B-K LIGHTING

40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.bklighting.com • info@bklighting.com

RELEASE DATE
02/08/2024

REFERENCE NUMBER
INS-2249-00

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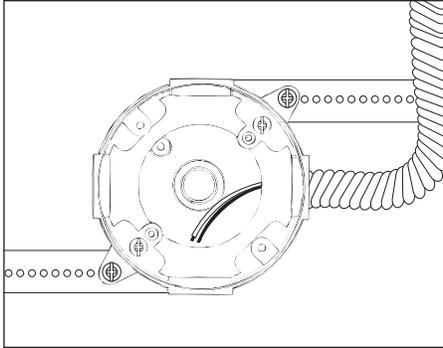
Standard Installation

MINI-MICRO

WALL MOUNT DUAL - CANOPY - LED

Phase 1 - Rough In

Installation of Back box

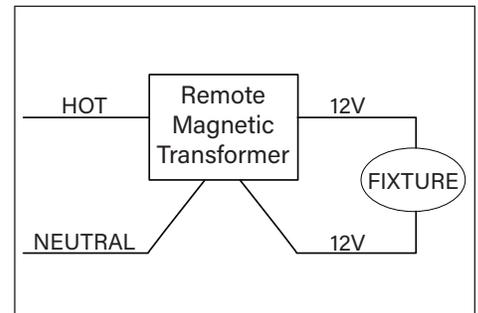
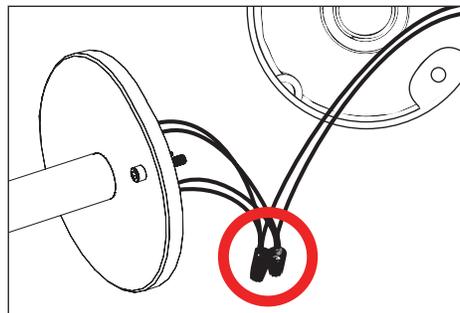
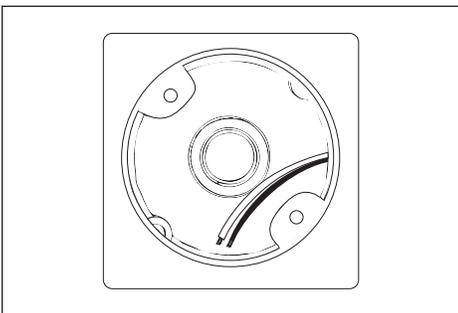


Additional Info

- Please follow National and Local electrical codes for your area.
- Mini-Micro Sign Star 3 1/2" dia. machined canopy permits mounting to 3" octagonal junction box or 4" junction box with mud ring.
- Junction box installation must be designed to hold full fulcrum weight of fixture.
- Junction box, mud ring, box mounting hardware and gaskets (not included).

1. Install conduit, junction box (not included) to be used with this product.
2. Install junction box so that front face is flush with finished wall or ceiling. Seal building envelope as per NEC.
3. Connect box to conduit and pull wires for connections (**See Wiring diagram**).

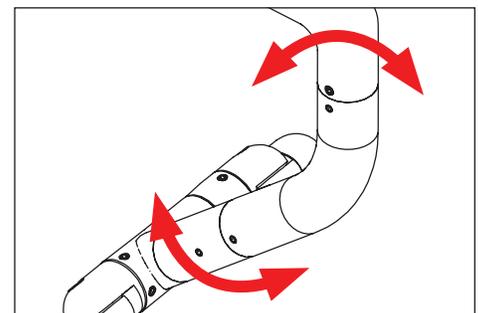
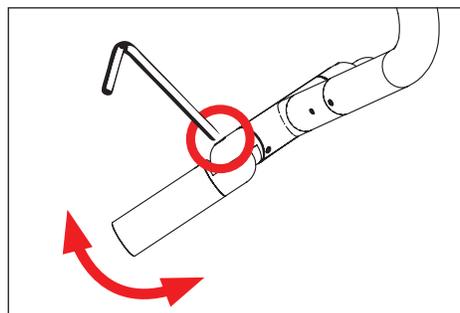
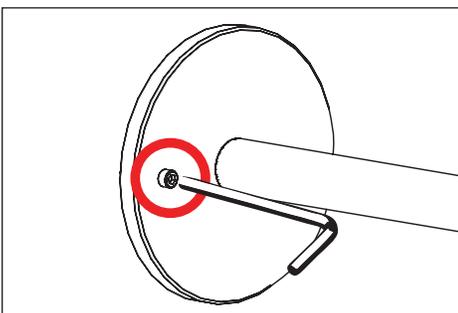
Phase 2 - Finish Installation of Fixture with Remote Transformer



1. Install mud ring to junction box using appropriate hardware (mud ring, junction box and hardware not included). Align canopy mounting holes to final mounting position.
2. Make watertight connections from remote transformer to fixture leads using waterproof wire connectors (not included). **See wiring diagram.**

WIRING DIAGRAM

⚠ LED - For use with 12VAC LED remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.



3. Mount fixture canopy directly to 3" junction box or 4" junction box with mud ring using two (2) #10-24 hex screws using a 1/8" allen wrench. **Seal building envelope as per NEC. Do not overtighten.**
4. 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.
5. Use a 5/64" allen wrench to loosen #8-32 screws to desired position. Tighten to secure aiming position.

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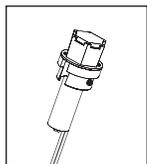
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LED BOARD/DRIVER/OPTICS

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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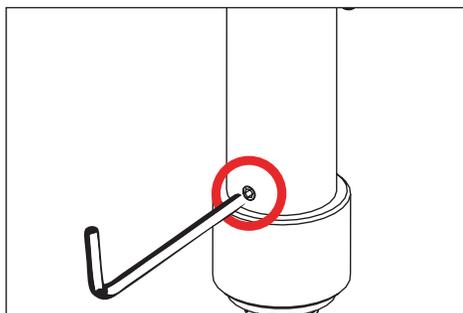
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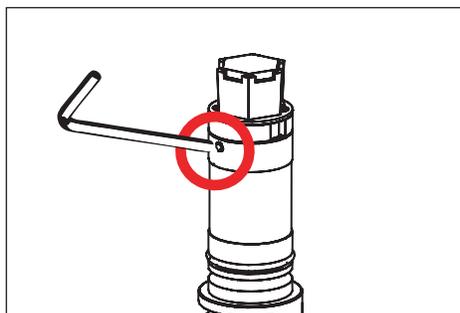
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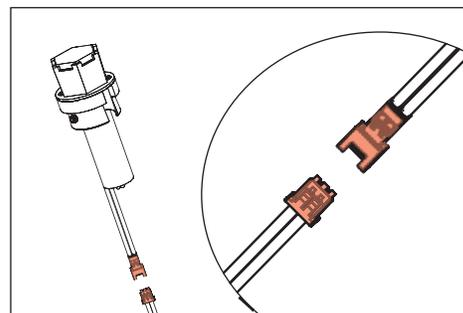
Re-placing LED Board/Driver and Optics



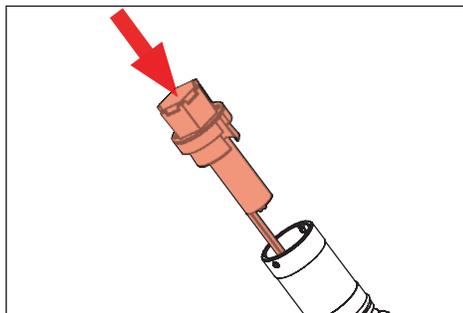
1. Use a 5/64" allen wrench to loosen #8-32 stainless steel set screw and remove cap.



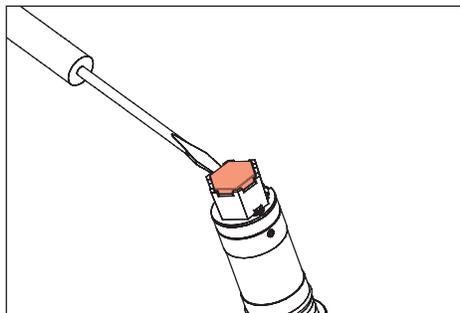
2. Use a .050" allen wrench to loosen two (2) #4-40 stainless steel set screws below LED board on the heat sink. Gently pull up on LED board and Driver assembly to expose quick disconnect.



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.

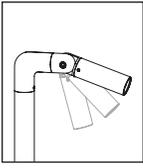
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Standard Adjustment

L.O.C.K. KNUCKLE SYSTEM



Flammable



Warning



Hot Surface

TOOLS NEEDED:

5/32" & 5/64" Allen Wrench

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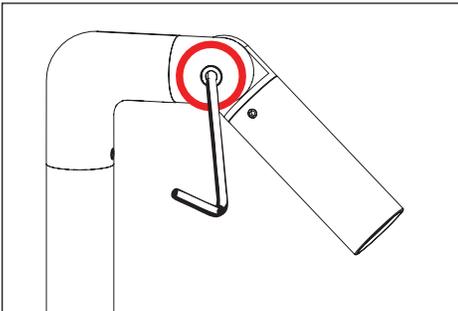
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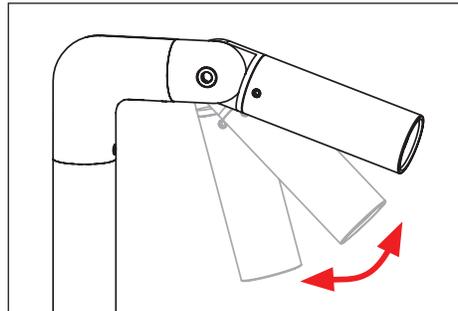
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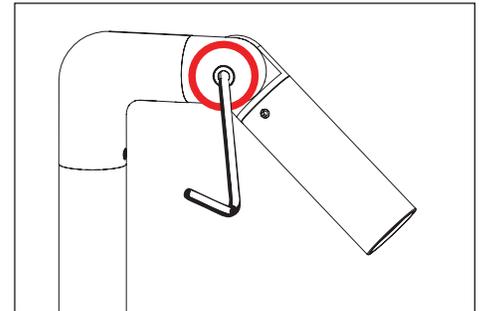
L.O.C.K. Knuckle - (Locking 'O' Ring Compression Knuckle)



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

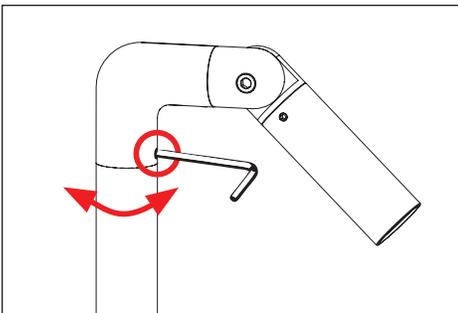


2. Aim fixture to desired angle.

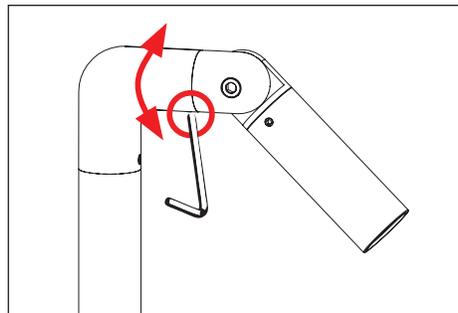


3. Tighten #10-32 stainless steel set screw using a 5/32" allen wrench to secure aiming position.

⚠ 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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