

Standard Installation

MINI-MICRO

WALL MOUNT & CEILING MOUNT - LED



Flammable



Warning



Low Voltage



Hot Surface

TOOLS NEEDED:	 9/64" & 1/8" 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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- 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.

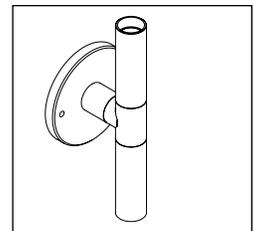
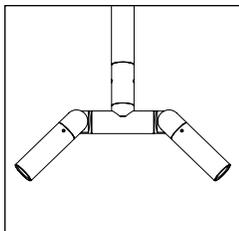
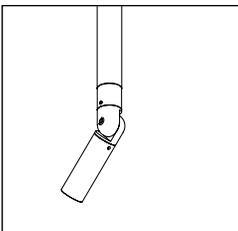
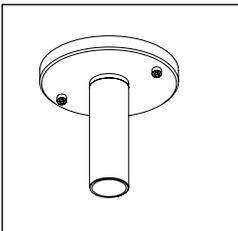
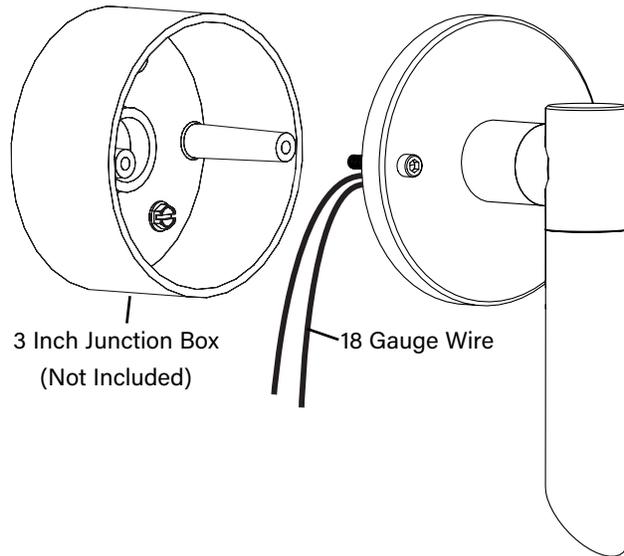
IMPORTANT LISTINGS AND CERTIFICATIONS

• Suitable for wet location • Additionally suitable for mounting within 4 ft. of the ground • Type Non-IC

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

This set of instructions works for:

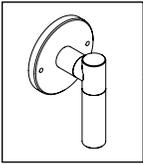
MM-WM - Mini-Micro Wall Mount
MM-CM - Mini-Micro Ceiling Mount



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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 02/06/2024	REFERENCE NUMBER INS-2573-00
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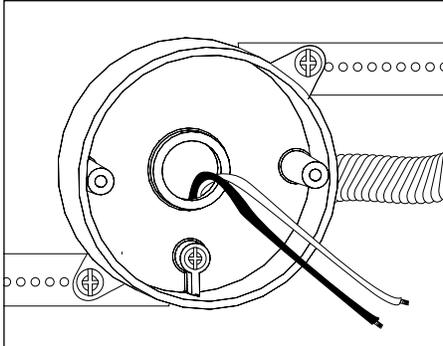
Standard Installation

MINI-MICRO

WALL MOUNT & CEILING MOUNT - LED

Phase 1 - Rough In

Installation of Back box

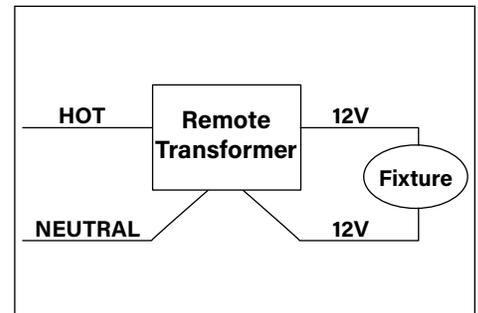
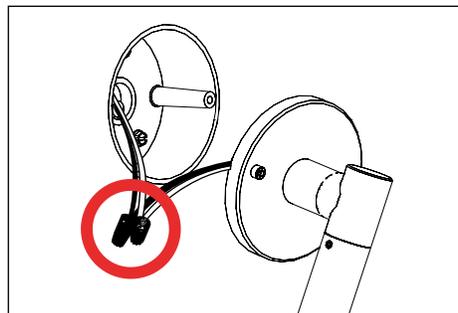
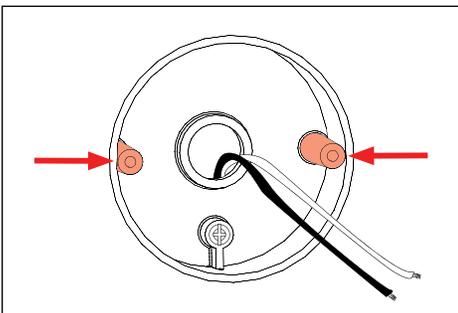


Additional Info

- Please follow National and Local electrical codes for your area.
- 3" octagonal junction box (install box so that mounting holes are in the correct position) or 4" junction box with mud ring.
- Suitable for through wire.
- Suitable for installation into combustible materials.
- Rated for 90° C.
- Junction box, universal mounting screws, box mounting hardware and gaskets (not included).

1. Install conduit (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



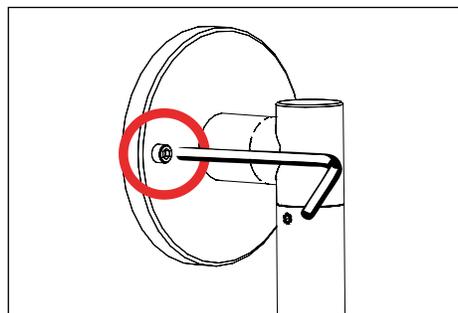
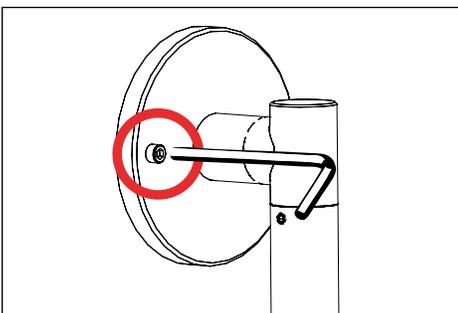
1. Align fixture mounting holes to final mounting position. Install box so that mounting holes and fixture direction are in desired position.

2. Make watertight connections from remote transformer to fixture leads using waterproof wire connectors. **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.

⚠ Note: Install 3" octagonal junction box so fixture mounting holes align or use 4" junction box with mud ring.



3. If fixture has standard canopy option, then secure fixture canopy with two (2) #8-32 screws to installed back box using a 9/64" allen wrench. **Seal building envelope as per NEC. Do not overtighten.**

4. If fixture has larger canopy option, then secure fixture canopy with two (2) #10-24 screws to installed back box using a 1/8" allen wrench. **Seal building envelope as per NEC. Do not overtighten.**

**IMPORTANT SAFETY INFORMATION LISTED ON REVERSE
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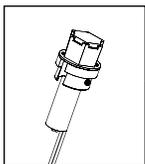
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02/06/2024

REFERENCE NUMBER
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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

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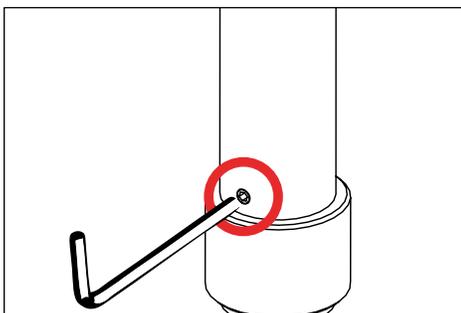
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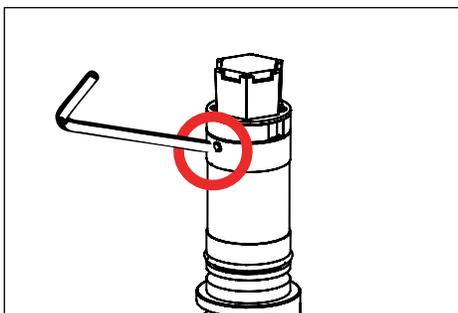
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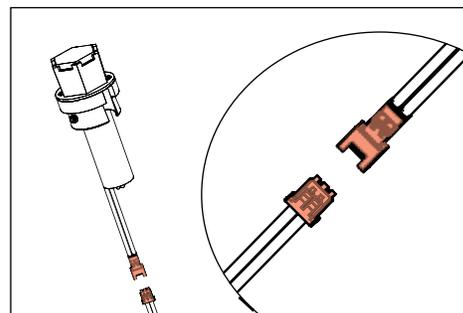
Re-placing LED Board/Driver and Optics



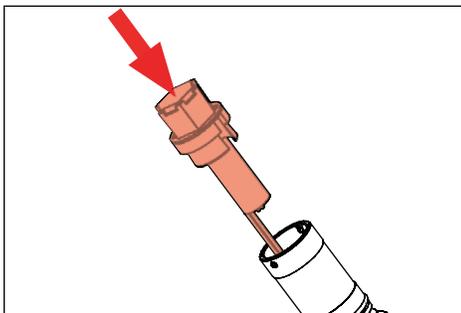
1. Use a 5/64" allen wrench to loosen #8-32 stainless steel set screw and remove cap.



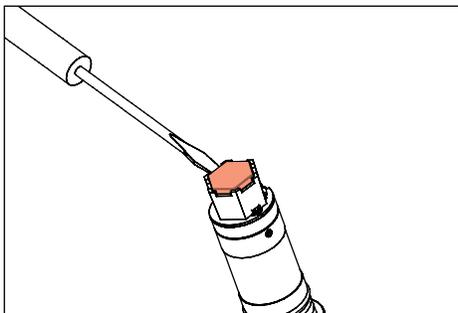
2. Use a .050" allen wrench to loosen two (2) #4-40 stainless steel set screws below LED board on the heat sink. Gently pull up on LED board and Driver assembly to expose quick disconnect.



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.

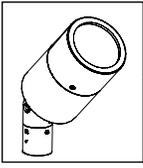
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INS000003



Standard Adjustment

360SL KNUCKLE MOUNTING SYSTEM



Flammable



Warning



Hot Surface

TOOLS NEEDED:

➤ 5/32" & 5/64" Allen wrench

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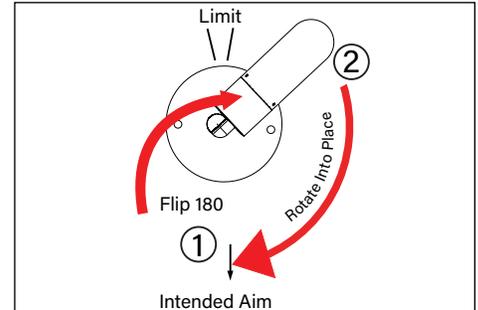
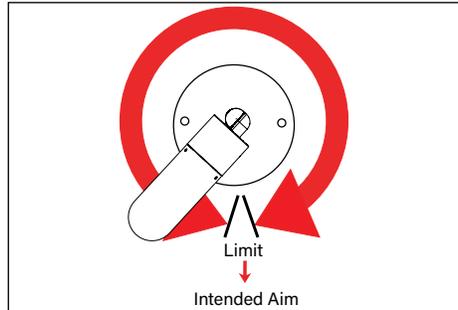
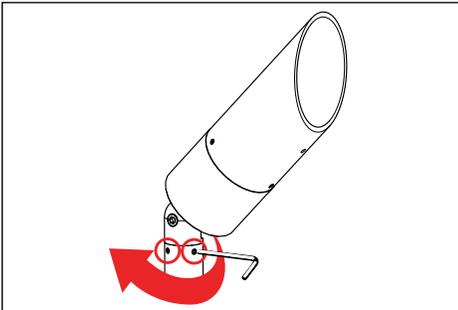
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IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet locations • Additionally suitable for mounting within 4 ft. of the ground

360SL Knuckle Mounting System



1. Use a 5/64" allen wrench to slightly loosen two (2) #8-32 set screw on the knuckle for 360° aiming purpose.
2. Rotate fixture at base and aim fixture to desired horizontal location.
3. If the over-rotation protection pin is in the desired aiming position, do not force the fixture past the limit. Using a 5/64" and 5/32" allen wrench, slightly loosen both set screws in the knuckle and knuckle screw enough to move the fixture freely on both axes.
4. Flip the fixture 180 degrees over the knuckle. The rotational range limit will now be 180 degrees from the original position. Now rotate the fixture into the desired aiming position.
5. Secure aim by tightening two (2) #8-32 set screws using a 5/64" allen wrench and one (1) #10-32 screw using a 5/32" allen wrench.

⚠ **Rotating the cap may be necessary for proper weep hole and cutoff position**

⚠ **Warning: Do not over tighten cap set screws. Doing so will compromise o-ring seal and will void warranty.**

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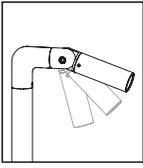
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Standard Adjustment

TOOLS NEEDED:	 5/32" & 5/64" Allen Wrench
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Flammable



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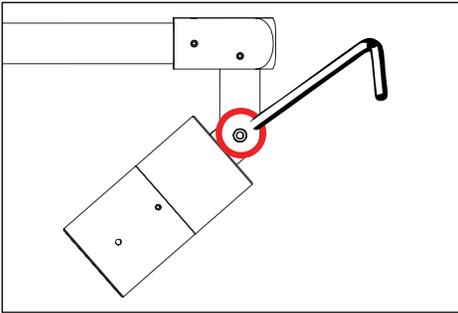
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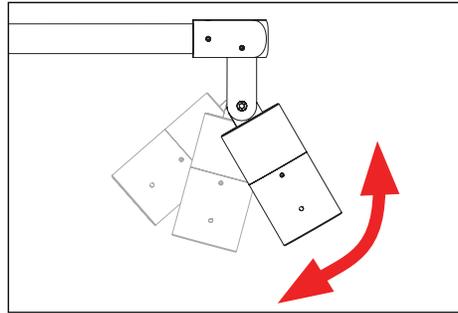
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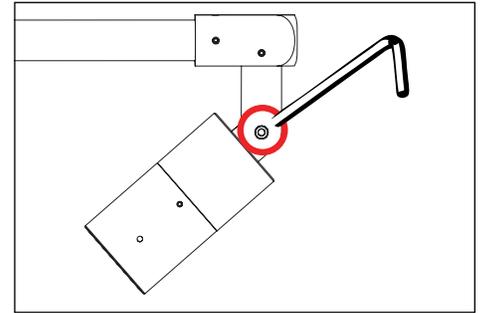
L.O.C.K. Knuckle - (Locking 'O' Ring Compression Knuckle)



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

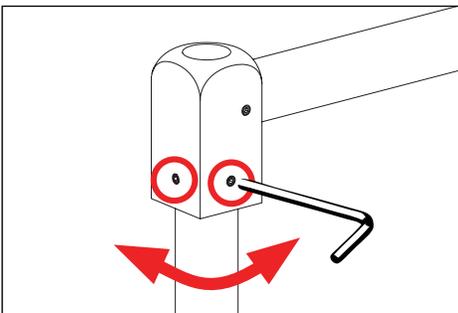


2. Aim fixture to desired angle.

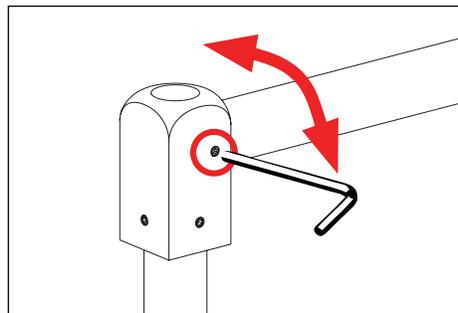


3. Tighten #10-32 stainless steel set screw using a 5/32" allen wrench to secure aiming position.

⚠ Warning: Do not over tighten set screw. Doing so will compromise o-ring seal and will void warranty.



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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