



# PENDANT

LED/MR16 LOW VOLTAGE

## Standard Installation



Flammable



Warning



Low Voltage



Hot Surface

### TOOLS NEEDED:



Waterproof Wire Connectors



Mounting Hardware and Cable

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

#### Lighted fixture is HOT!

#### WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

Turn off/unplug and allow to cool before replacing lamp/LED. Fixture gets HOT quickly! Contact only switch/plug when turning on. Do not touch hot lens, guard, or enclosure. Keep fixture away from materials that may burn. Do not operate the luminaire fitting with a missing or damaged shield. Do not touch the source at any time. Use a soft cloth or gloves. Oil from skin may cause damage.

**SAVE THESE INSTRUCTIONS**

### IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS

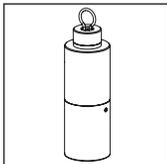
- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate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

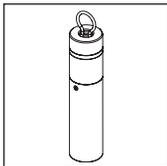
- Suitable for wet locations
- Suitable for Indoor/Outdoor use

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

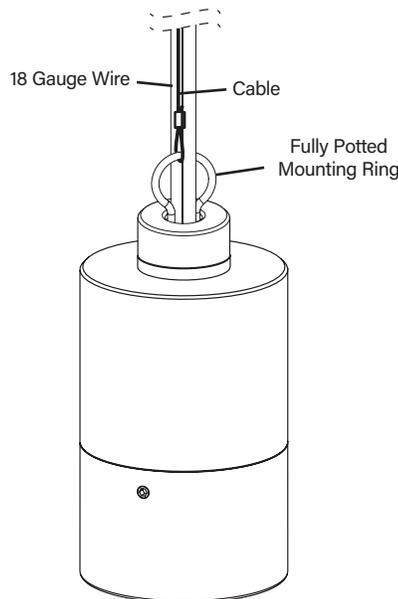
### This set of instructions works for:



**MN-CM - Micro Nite Star**



**MM-CM - Mini-Micro**



**NS-CM - Nite Star**

### 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](http://www.bklighting.com) • [info@bklighting.com](mailto:info@bklighting.com)

RELEASE DATE  
**07/24/2023**

REFERENCE NUMBER  
**INS-2176-00**

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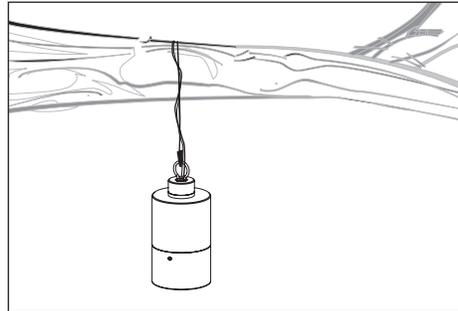
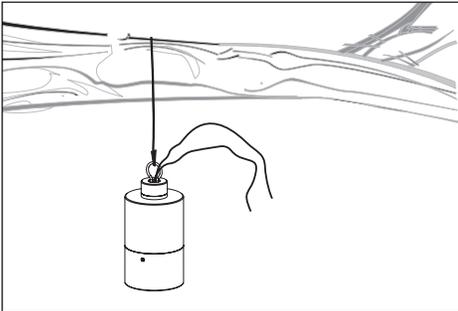


## Standard Installation

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LED/MR16 LOW VOLTAGE

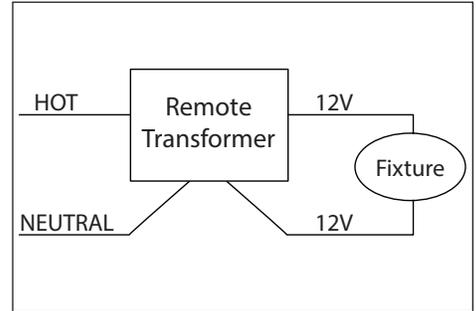
### Fixture Installation



1. Securely attach mounting hardware and cable to mounting ring on fixture and suspend to desired height.

2. Make watertight connections from remote transformer to fixture leads using waterproof wire connectors. See wiring diagram.

⚠ Failure to use waterproof wire connectors will cause fixture to fail and VOID PRODUCT WARRANTY.

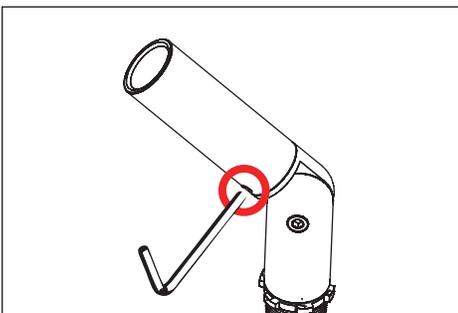


#### WIRING DIAGRAM

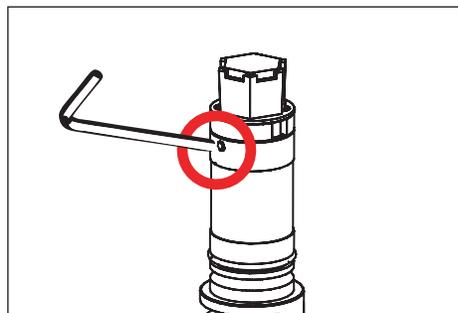
⚠ LED - For use with 12VAC LED remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.

⚠ Low Voltage - For use with 12VAC remote transformer.

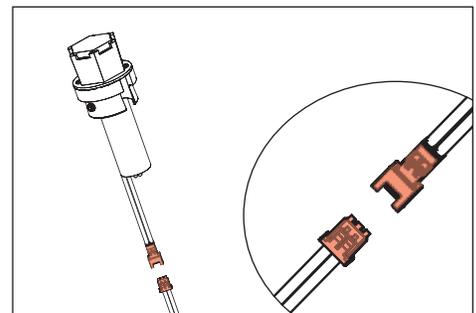
### Mini-Micro - Ceiling Mount - Replacing LED Board/Driver and Optics



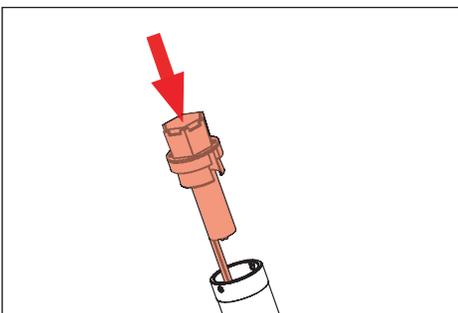
1. Use a 5/64" allen wrench to loosen #8-32 stainless steel set screw and remove cap.



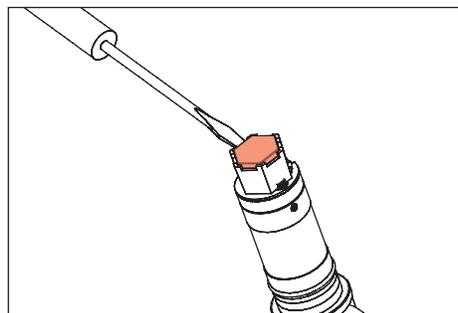
2. Use a .050" allen wrench to loosen two (2) #4-40 stainless steel set screws below LED board on the heat sink. Gently pull up on LED board and Driver assembly to expose quick disconnect.



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 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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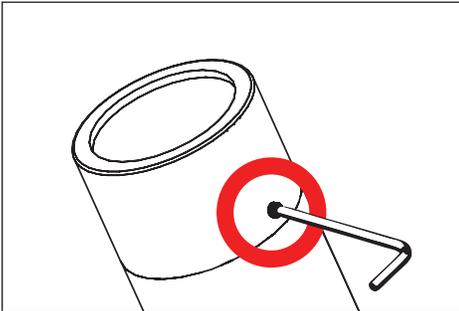
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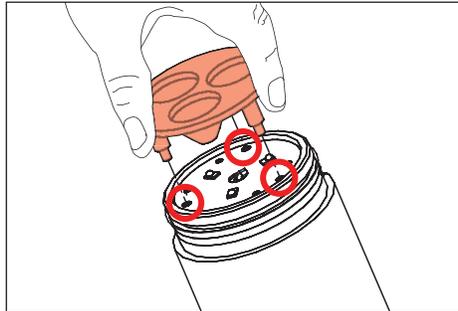


## Standard Installation

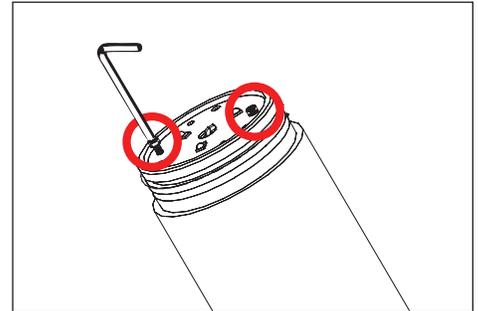
### Micro Nite - Ceiling Mount - Replacing LED Board/Driver and Optics



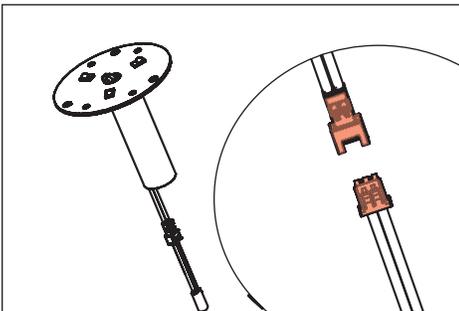
1. Use a 5/64" allen wrench to loosen #8-32 stainless set screw and remove cap.



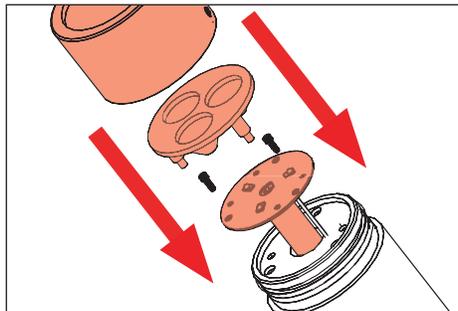
2. Space three fingers evenly around the optic and gently rock optic to remove.



3. Use a 5/64" allen wrench to remove two (2) #2-56 socket head cap screws on LED board, grasp LED board and gently pull up to expose quick disconnect.



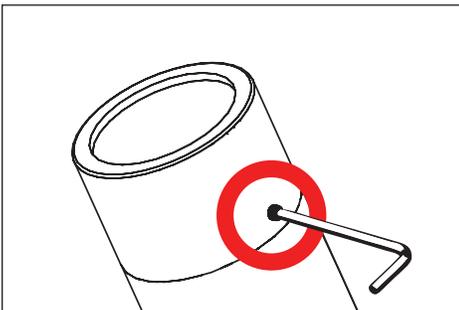
4. Disengage LED board and driver assembly. Replace with new board and driver assembly.



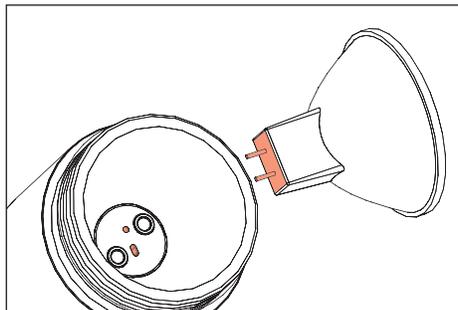
5. Reverse install LED board and driver by carefully wrapping 18 gauge wires around driver and inserting into fixture body. Secure LED board in place with stainless steel screws.

6. Snap optics in place. Place cap on fixture and tighten set screw.

### Micro Nite - Ceiling Mount - Replacing MR16 Low Voltage Lamp

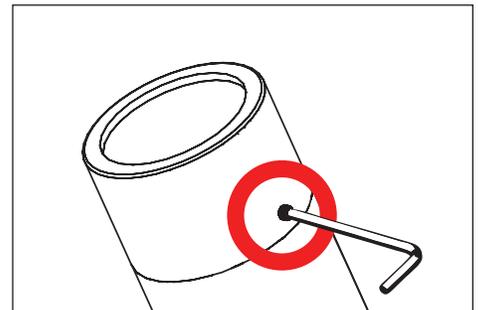


1. Use a 5/64" allen wrench to loosen #8-32 stainless set screw and remove cap.



2. Firmly insert lamp pins into socket to make connection. Rocking motion maybe required.

**⚠ Do not exceed the maximum wattage listed on the fixture label before installing.**



3. Place cap on fixture and tighten set screw. Tighten screw to 1/2 in.-lb. Top of screw should sit flush with fixture cap.

**⚠ 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.**

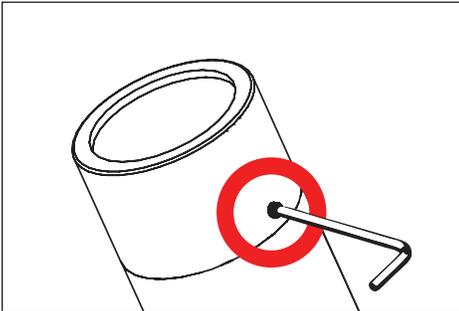
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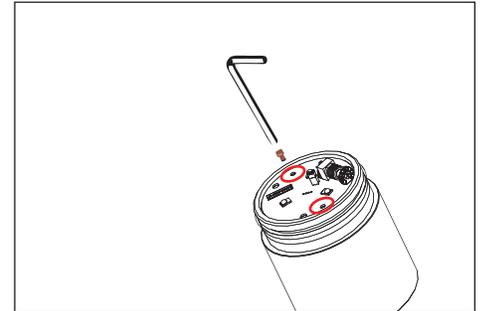
### Nite Star - Ceiling Mount - Replacing LED Board/Driver and Optics



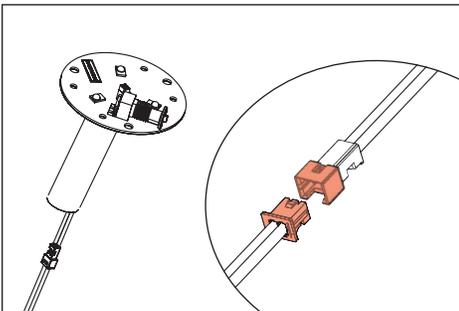
1. Use a 5/64" allen wrench to loosen #8-32 stainless set screw and remove cap.



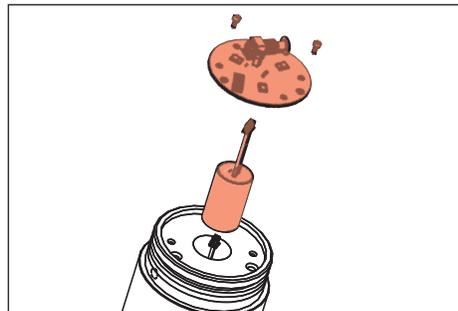
2. Space three fingers evenly around the optic and gently rock optic to remove.



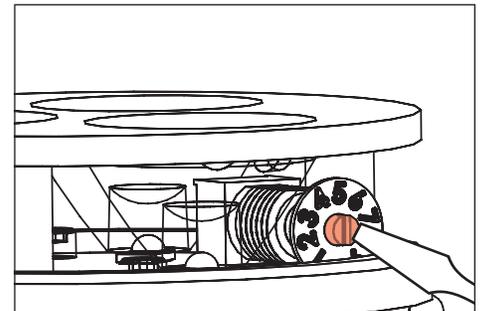
3. Use a 5/64" allen wrench to remove two (2) #2-56 socket head cap screws on LED board, grasp LED board and gently pull up to expose quick disconnect.



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

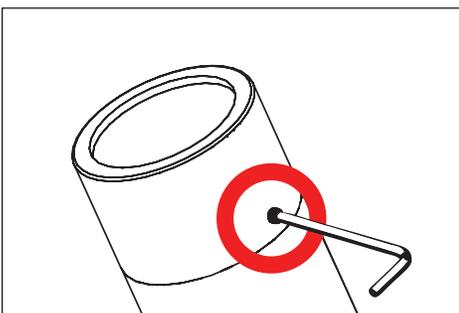


5. Reverse install LED board and driver by carefully engaging quick disconnects and inserting into fixture body. Secure LED board in place with stainless steel screws. Snap optics in place.

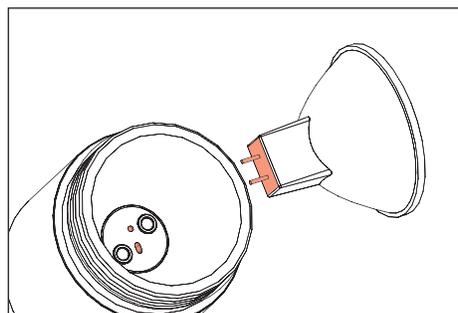


6. With flat head screw driver rotate dial to desired lumen output. Replace cap.

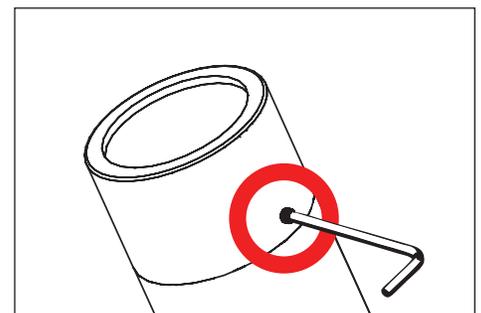
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1. Use a 5/64" allen wrench to loosen #8-32 stainless set screw and remove cap.



2. Firmly insert lamp pins into socket to make connection. Rocking motion maybe required.



3. Place cap on fixture and tighten set screw. Tighten screw to 1/2 in.-lb. Top of screw should sit flush with fixture cap.

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