

### Standard Installation

# MINI-MICRO

## BOLLARD SINGLE/TWIN - ANCHOR BASE - LED



Flammable



Warning



Low Voltage



Hot Surface

#### TOOLS NEEDED:

- 5/32" Allen Wrench
- Waterproof Wire Connectors
- Standard Screwdriver

### 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:

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**SAVE THESE INSTRUCTIONS**

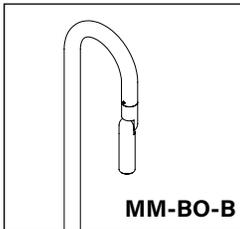
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- Follow product label information and instructions.
- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power 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 mounting within 4 ft. of the ground.

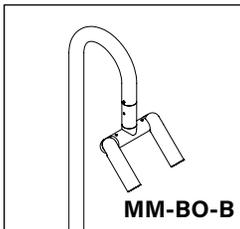
Please refer to the low voltage design guide at "<https://www.bklighting.com/resources/>" before installation for proper wire selection.



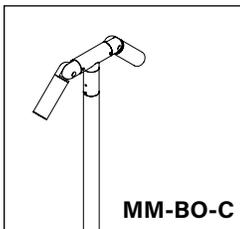
MM-BO-B

#### This set of instructions works for:

- MM-BO-B - Mini-Micro Bollard Style "B"
- MM-BO-L - Mini-Micro Bollard Style "L"
- MM-BO-B - Mini-Micro Bollard Twin Style "B"
- MM-BO-C - Mini-Micro Bollard Twin Style "C"

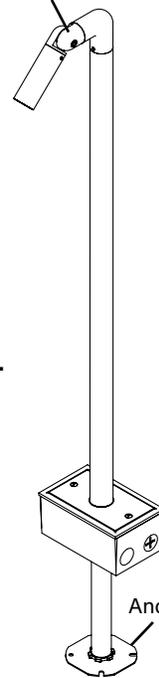


MM-BO-B



MM-BO-C

L.O.C.K. Knuckle



MM-BO-L

Anchor Base

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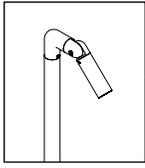
# B-K LIGHTING

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)

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02/13/2024

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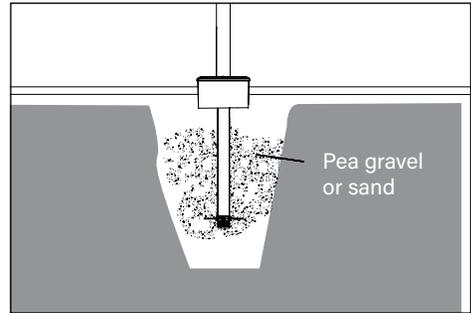
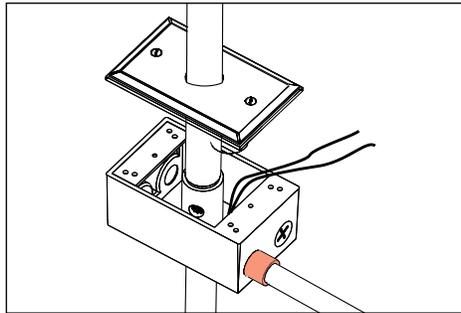
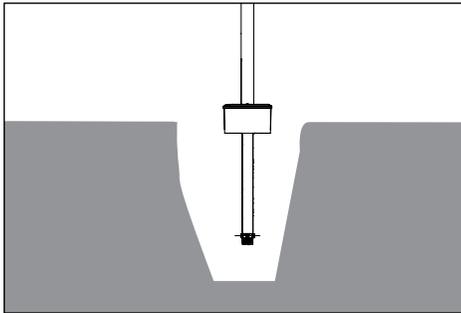
### Standard Installation

# MINI-MICRO

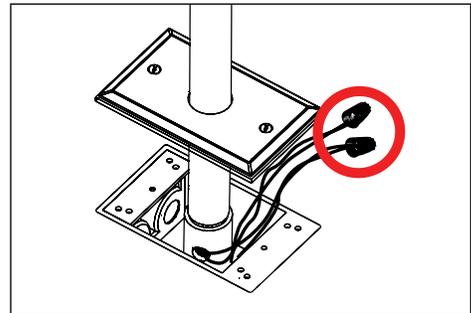
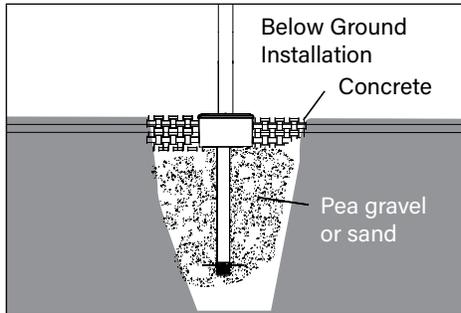
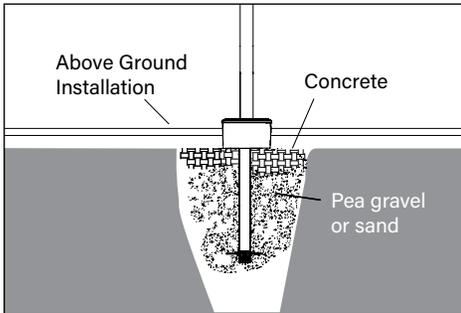
BOLLARD SINGLE/TWIN - ANCHOR BASE - LED

**TRANSFORMER HOUSING MUST BE INSTALLED ABOVE GRADE. TRANSFORMER HOUSING INSTALLED BELOW GRADE WILL VOID WARRANTY**

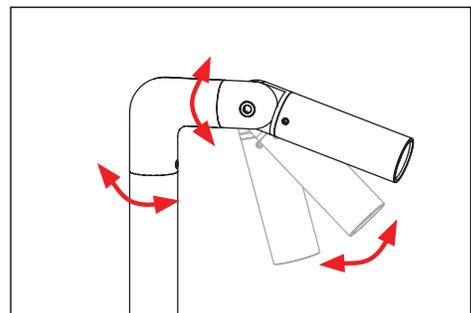
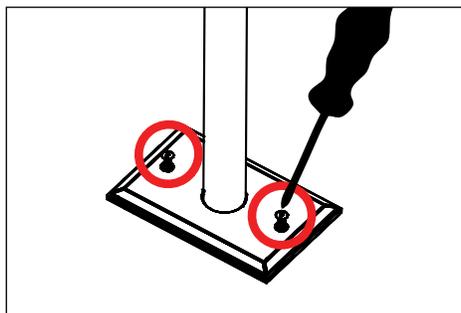
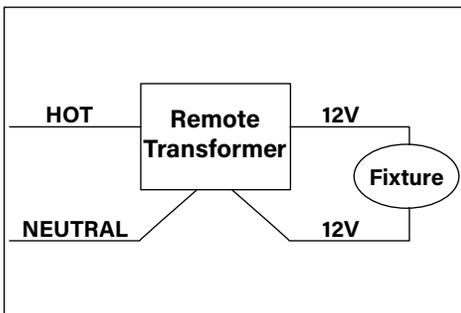
## Anchor Base Mounting Option



1. Excavate trench according to designed lighting plan. Dig hole a minimum of 18" deep and 10" wide to accommodate anchor base at desired fixture locations.
2. Connect 1/2" conduit connector through female threaded conduit entry.
3. Pull low voltage wiring from remote transformer to junction box on anchor base. Allow for additional cable to make connections to fixture lead and future service. Place anchor base in hole.
4. Back fill with pea gravel or sand prior to pour. Junction box can be installed above or below grade level.



5. **For above ground installation:** Pour concrete below junction box.
6. **For below ground installation:** Pour concrete to grade and flush with junction box.
7. 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.**

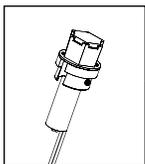
8. Attach box cover to junction box by tightening two (2) #6-32 stainless steel slotted screws to secure.
9. Use a 5/32" allen wrench to slightly loosen #10-32 stainless steel set screw on the stem for 180° aiming purpose. Tighten to secure aiming position.
10. Use a 9/64" allen wrench to loosen #8-32 screws at bend(s). Aim fixture to desired position. Tighten to secure aiming position.

**IMPORTANT SAFETY INFORMATION LISTED ON REVERSE  
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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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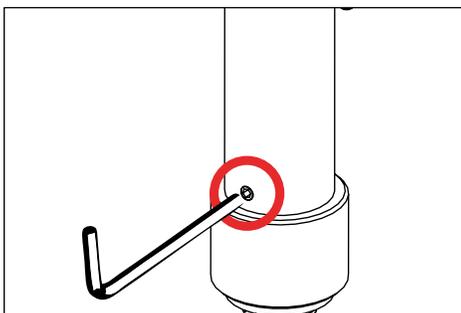
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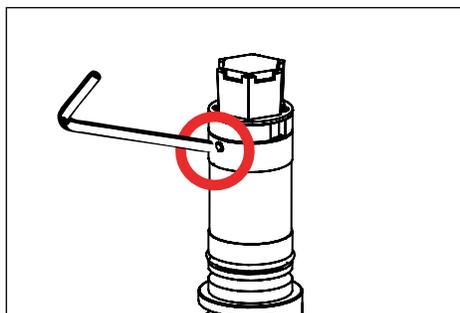
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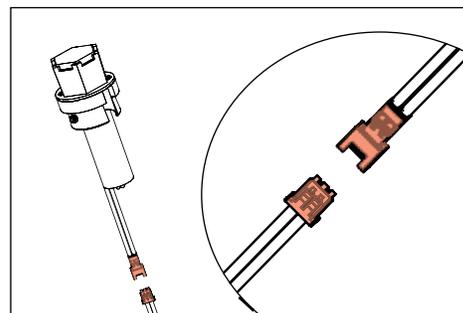
### Re-placing LED Board/Driver and Optics



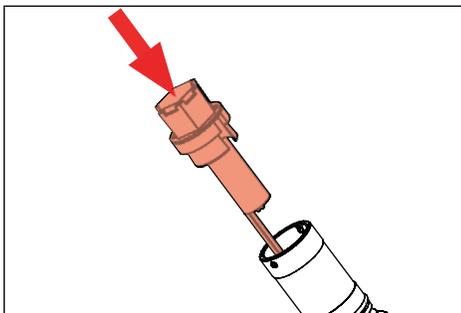
1. Use a 5/64" allen wrench to loosen #8-32 stainless steel set screw and remove cap.



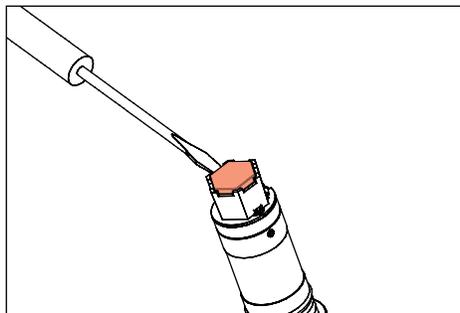
2. Use a .050" allen wrench to loosen two (2) #4-40 stainless steel set screws below LED board on the heat sink. Gently pull up on LED board and Driver assembly to expose quick disconnect.



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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