

ARTISTAR INTEGRAL

LED ANCHOR BASE - 7W LED/MR16 LOW VOLTAGE

Standard Installation


Flammable


Warning


High Voltage


Hot Surface

TOOLS NEEDED:

- 3/16" and 5/64" Allen wrench
- Waterproof Wire Connectors
- 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

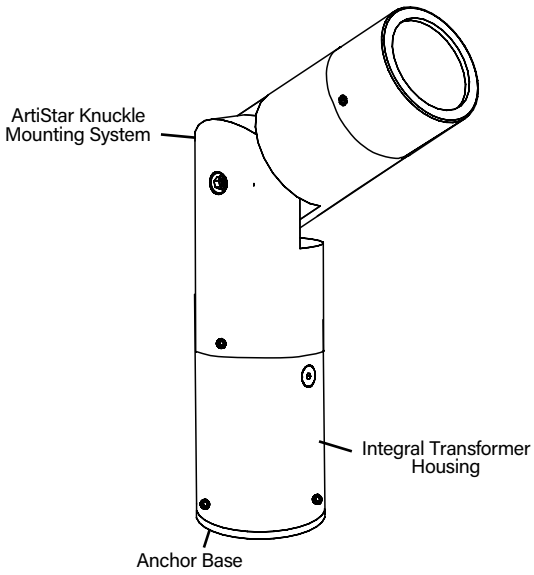
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- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
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IMPORTANT LISTINGS AND CERTIFICATIONS

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

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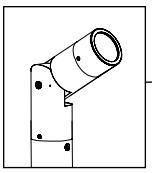
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B-K LIGHTING

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

RELEASE DATE	REFERENCE NUMBER
02/07/2024	INS001108

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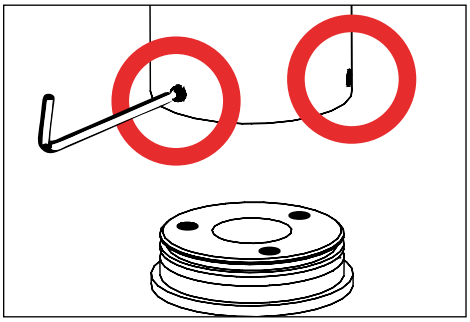


ARTISTAR INTEGRAL

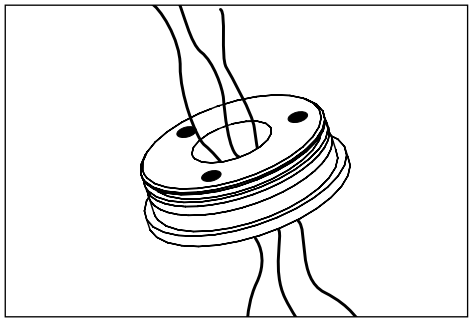
LED ANCHOR BASE - 7W LED/MR16 LOW VOLTAGE

Standard Installation

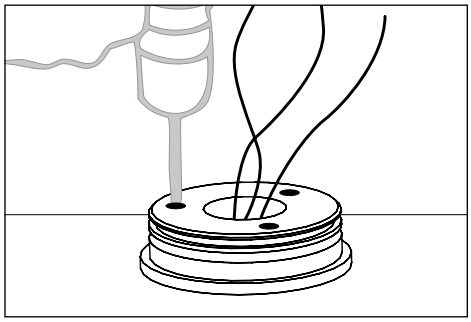
Fixture Installation



1. Study anchor base plan. Prepare mounting surface for anchor base.
2. Use a 5/64" allen wrench to loosen three (3) #8-32 stainless steel set screws (do not remove stainless steel set screws from fixture base). Remove anchor base from bottom of fixture.

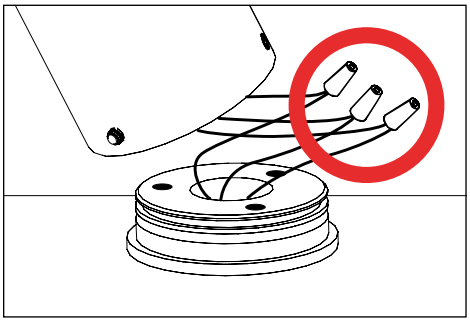


3. Pull branch circuit wiring necessary for installation. Feed branch circuit wiring through anchor base.

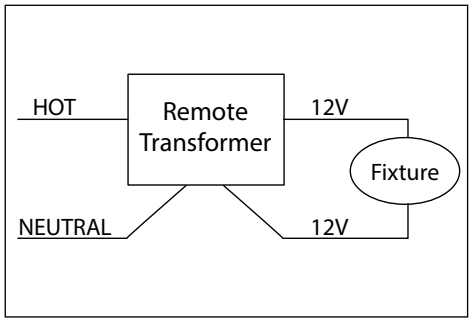


4. Secure anchor base to solid surface (i.e. wood, concrete) using appropriate hardware for specific surface.

⚠ **Seal base to surface as per NEC.**

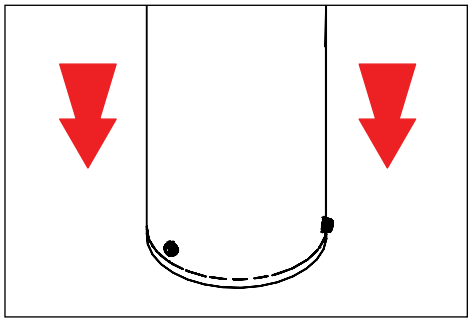


5. Make watertight connections using waterproof wire connectors (not included) to connect primary side of transformer to branch circuit wires. Connect incoming ground to ground wire provided in fixture body. **See wiring diagram.**

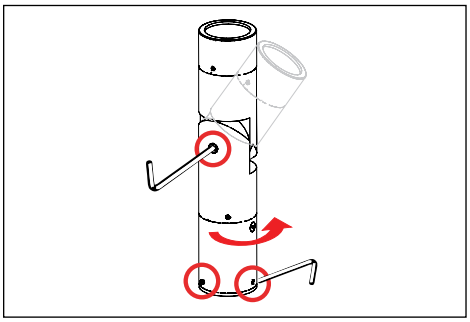


WIRING DIAGRAM

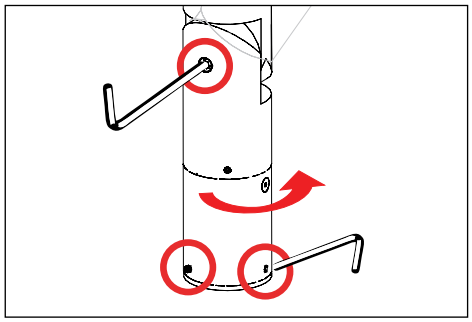
⚠ **All line voltage connections must be made in compliance with the National Electrical Code. Failure to do so will void warranty.**



6. Place fixture onto mounted anchor base and press straight down until the two pieces are flush with each other.



7. Use a 3/16" allen wrench to slightly loosen ¼"-28 stainless steel black oxide socket head cap screw at the knuckle for vertical aiming purposes. Use a 5/64" allen wrench to loosen the three (3) #8-32 stainless steel set screws on anchor base. Rotate fixture at base and aim fixture to desired horizontal location.



8. Tighten the three (3) #8-32 stainless steel set screws on anchor base and ¼"-28 stainless steel locking screw at the knuckle to secure all aiming positions.

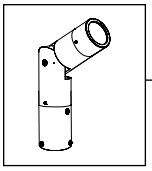
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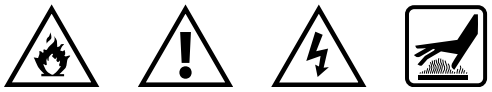
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ARTISTAR INTEGRAL

LED POWER PIPE - 7W LED/MR16 LOW VOLTAGE

Standard Installation



TOOLS NEEDED:

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- Waterproof Wire Connectors
- Phillips Screwdriver

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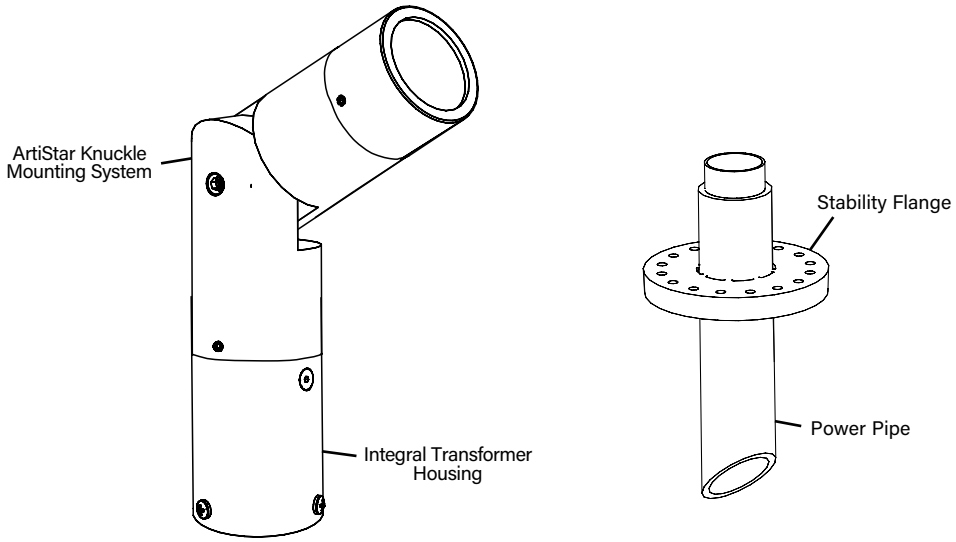
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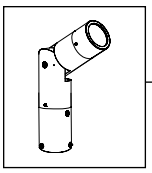


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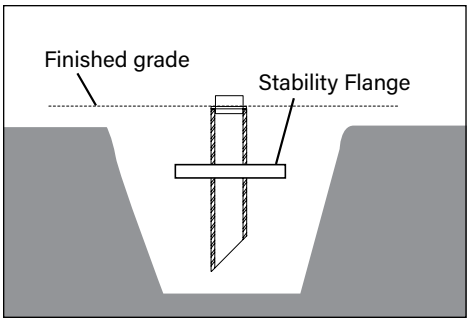
ARTISTAR INTEGRAL

LED POWER PIPE - 7W LED/MR16 LOW VOLTAGE

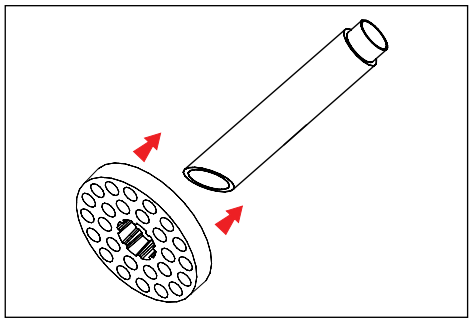
Standard Installation

DRIVER HOUSING MUST BE INSTALLED ABOVE GRADE. POWER PIPE IS LABELED AT GRADE LEVEL. DRIVER HOUSING INSTALLED BELOW GRADE WILL VOID WARRANTY

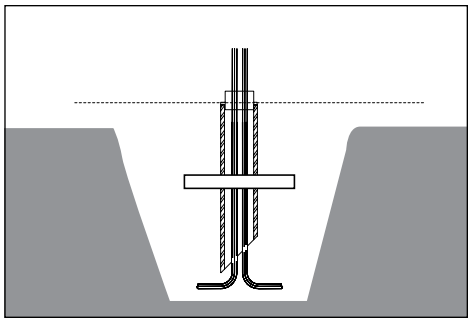
Power Pipe Mounting Option



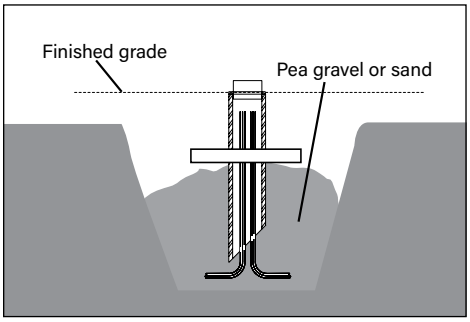
1. Excavate trench according to designed lighting plan. Dig hole a minimum of 18" deep and 10" wide to accommodate power pipe at desired fixture location(s).



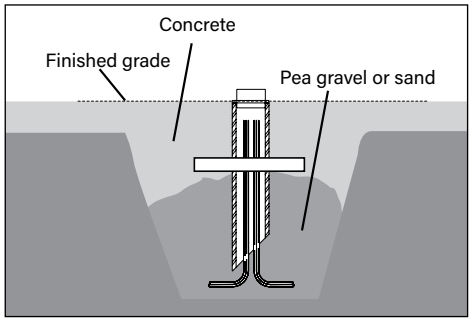
2. Slide optional stability flange onto power pipe. Use optional Stability Flange to aid in installation of power pipe.



3. Pull branch circuit wires necessary for installation through power pipe. Allow for additional cable to make connections to fixture lead and future service. Place power pipe in hole.

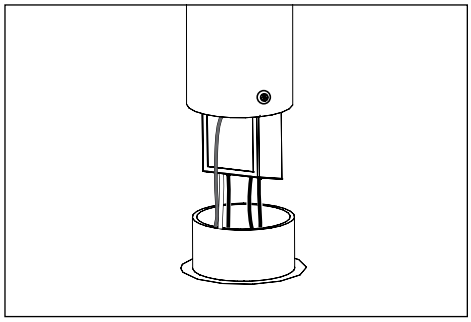


4. Back fill with pea gravel or sand prior to pour.

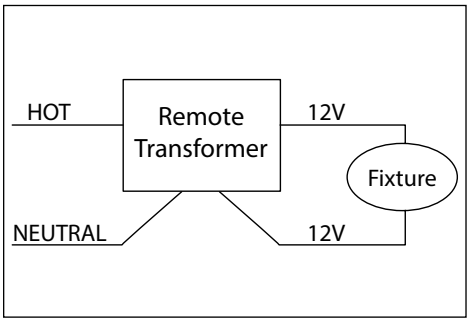


5. Pour concrete.

⚠ **Label on power pipe indicates installation depth with finished grade.**

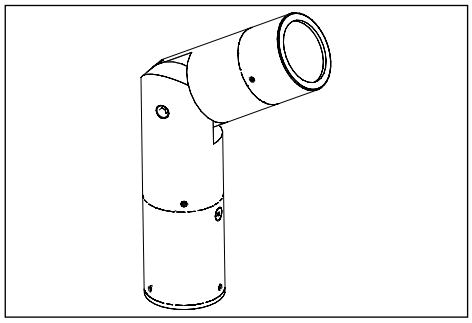


6. Use proper wire connectors to connect transformer primary leads to branch circuit wires. Connect incoming ground to ground wire provided in fixture body. **See wiring diagram.**

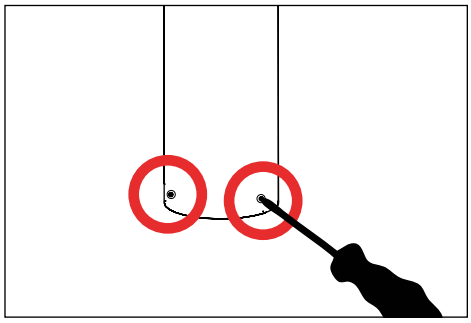


WIRING DIAGRAM

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7. Insert wires, connectors and transformer into fixture base and attach to power pipe. To aim fixture, use a 3/16" allen wrench to slightly loosen ¼"-28 stainless steel black oxide socket head screw at the knuckle for vertical aiming purposes. Use phillips screwdriver to loosen the three (3) #8-32 stainless steel round head phillips screws. Rotate fixture to aim to desired horizontal location.



8. Tighten three (3) #8-32 stainless steel round head phillips screws at base and 1/4"-28 stainless steel black oxide socket head screw at the knuckle to secure all aiming positions.

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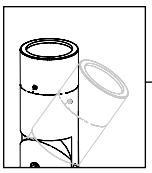
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ARTISTAR
MOUNTING SYSTEM

Standard Adjustment

Warning

Hot Surface

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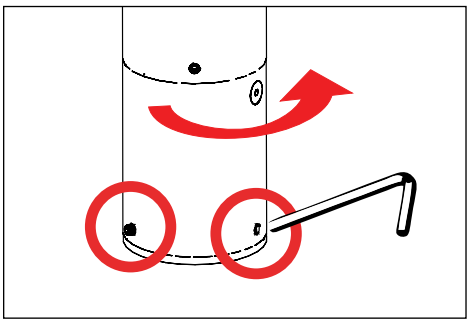
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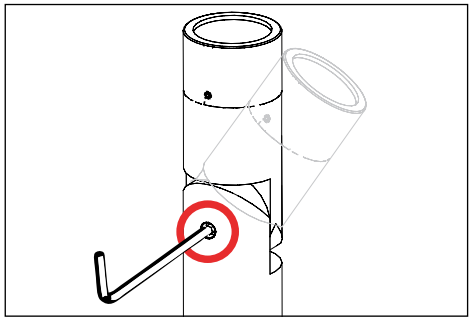
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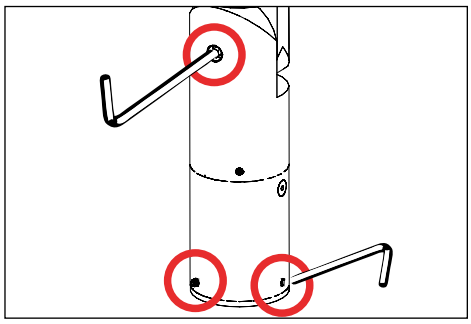
ArtiStar Knuckle - Standard Anchor Base Option



1. Use a 5/64" allen wrench to loosen (3) #8-32 stainless steel set screws on fixture base. Rotate fixture at base and aim fixture to desired horizontal location.

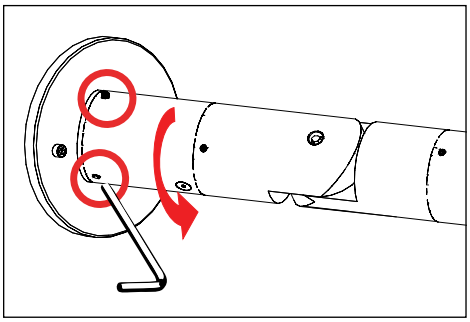


2. Use a 3/16" allen wrench to slightly loosen ¼"-28 stainless steel black oxide socket head cap screw at the knuckle for vertical aiming purposes.

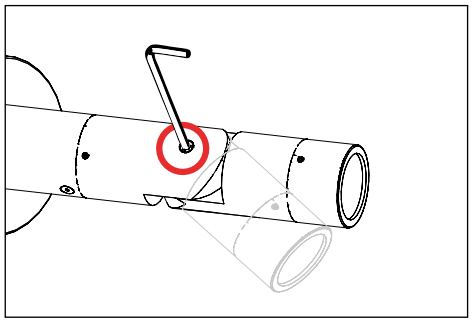


3. Tighten the three (3) #8-32 screws on base with appropriate tool for mounting method and stainless steel locking screw at the knuckle to secure all aiming positions.

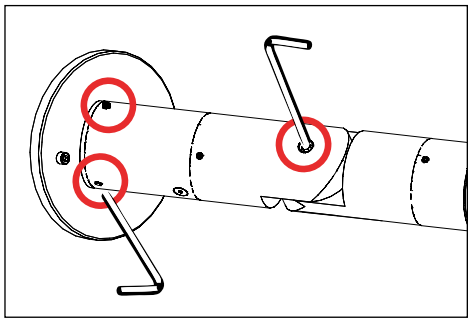
ArtiStar Knuckle - Wall Mount Option



1. Use a 5/64" allen wrench to loosen three (3) #8-32 stainless steel set screws on fixture base. Rotate fixture at base and aim fixture to desired horizontal location.

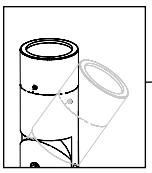


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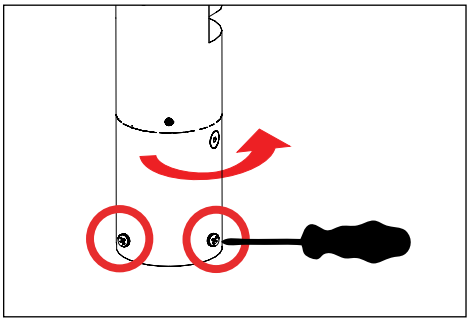
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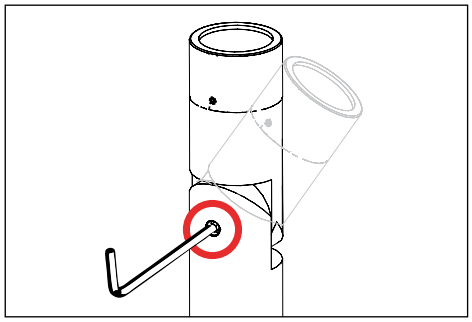


Standard Adjustment

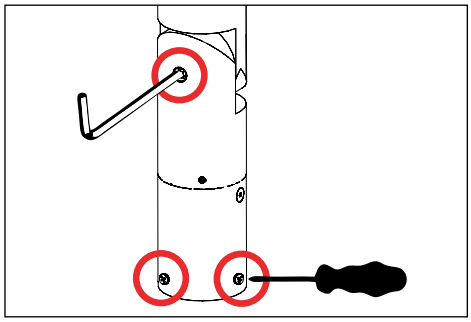
ArtiStar Knuckle - Power Pipe Option



1. Use phillips screwdriver to loosen three (3) #8-32 stainless steel round head phillips screws at base. Rotate fixture at base and aim fixture to desired horizontal location.

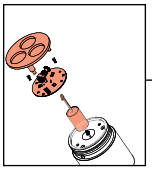


2. Use a 3/16" allen wrench to slightly loosen ¼"-28 stainless steel black oxide socket head cap screw at the knuckle for vertical aiming purposes.



3. Tighten the three (3) #8-32 screws on base with appropriate tool for mounting method and stainless steel locking screw at the knuckle to secure all aiming positions.

IMPORTANT SAFETY INFORMATION LISTED ON REVERSE
READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS



LED BOARD, DRIVER, & OPTICS

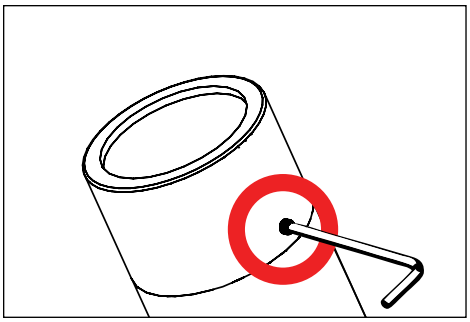
2-1/4" SIZE

Replacement Instructions

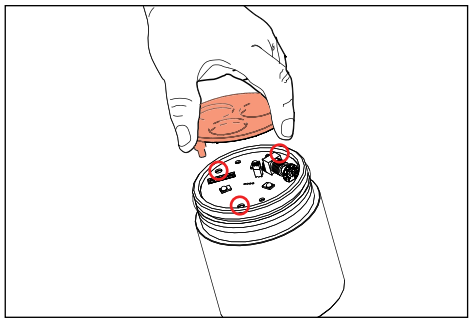
This product is available with Adjust-e-Lume® (Patent Pend.) for Dynamic Lumen Output Control

Warning! The light output of this product may be dynamically adjusted as desired to raise and lower light levels. Please ensure the fixture is set to the appropriate light level desired during installation.

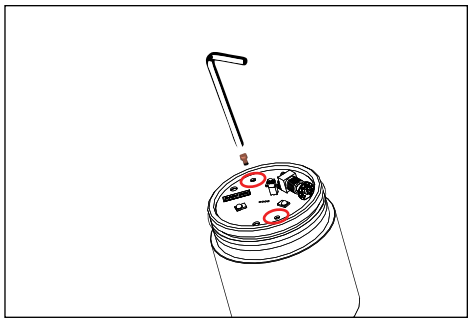
Replacing LED Board/Driver and Optics



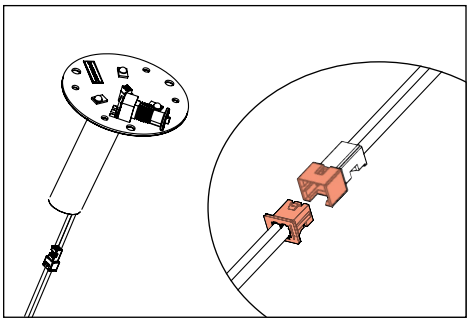
1. Use a 5/64" allen wrench to loosen #8-32 stainless set screw and remove cap.



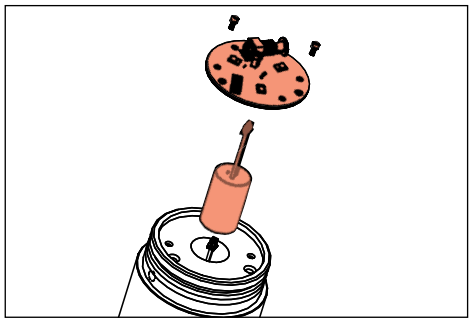
2. Space three fingers evenly around the optic and gently rock optic to remove.



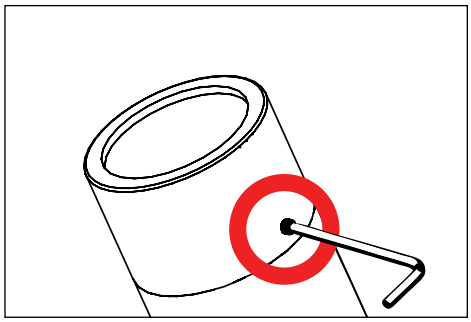
3. Use a 5/64" allen wrench to remove two (2) #2-56 socket head cap screws on LED board, grasp LED board and gently pull up to expose quick disconnect.



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

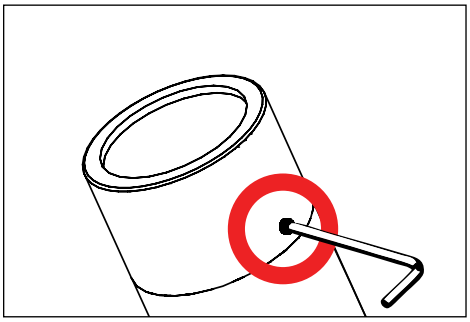


5. Reverse install LED board and driver.

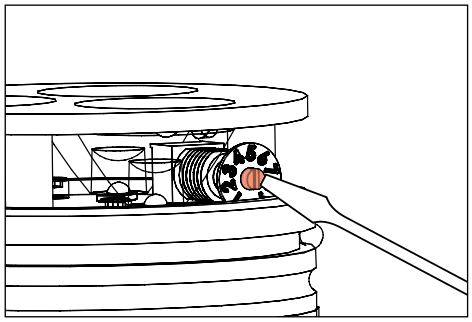


6. With flat head screw driver rotate dial to desired lumen output. Replace cap.

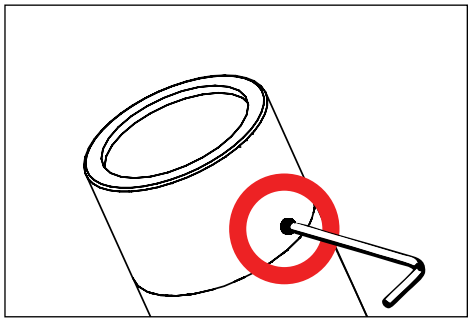
To Change Lumen Output (When Required)



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



2. With flat head screw driver rotate dial to desired lumen output.



3. Place cap on fixture and tighten set screw. Tighten screw to 1/2 in-lbs. 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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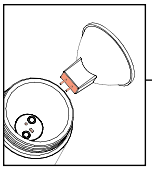
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RELEASE DATE 02/07/2024

REFERENCE NUMBER INS000004

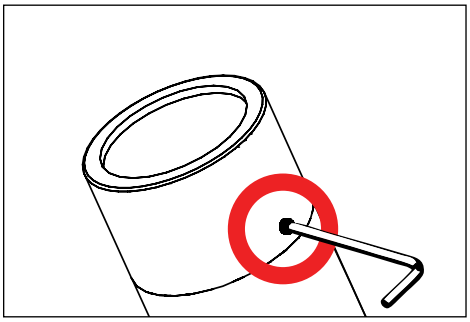


LOW VOLTAGE LED LAMP

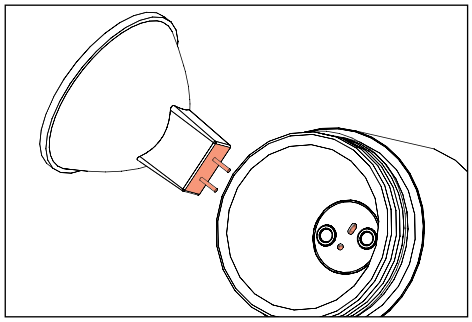
2-1/4" SIZE

Replacement Instructions

Lamp Installation or Relamping if Required for MR16 Low Voltage Lamp

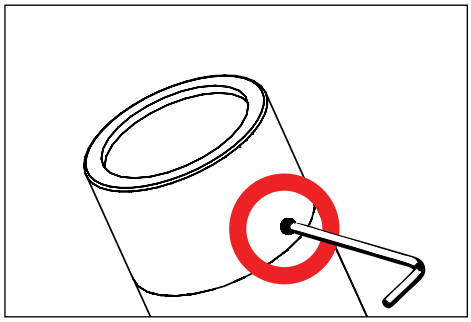


1. Use a 5/64" allen wrench to loosen #8-32 stainless set screw and remove cap.



2. Firmly insert lamp pins into socket to make connection. Rocking motion may be 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-lbs. 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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