

TOWER BOLLARD

(TWB) - LED

Standard Installation



Wear Gloves



Flammable



Warning



High Voltage



Hot Surface

TOOLS NEEDED:

- 1/8", 0.050", & 9/64" Allen Wrench
- Waterproof Wire Connectors
- Mounting Hardware
- Silicone Sealant
- Adjustable Crescent Wrench



IMPORTANT - WEAR GLOVES TO AVOID GETTING FINGERPRINTS ON THIS PRODUCT. MANY TEKA ILLUMINATION PRODUCTS ARE DESIGNED TO NATURALLY PATINA. OILS FROM YOUR SKIN WILL ACCELERATE THIS PROCESS WHERE TOUCHED AND ARE NEARLY IMPOSSIBLE TO REMOVE. THIS PROCESS OCCURS OVER TIME AND IS DETERMINED BY THE INSTALLATION ENVIRONMENT.

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.

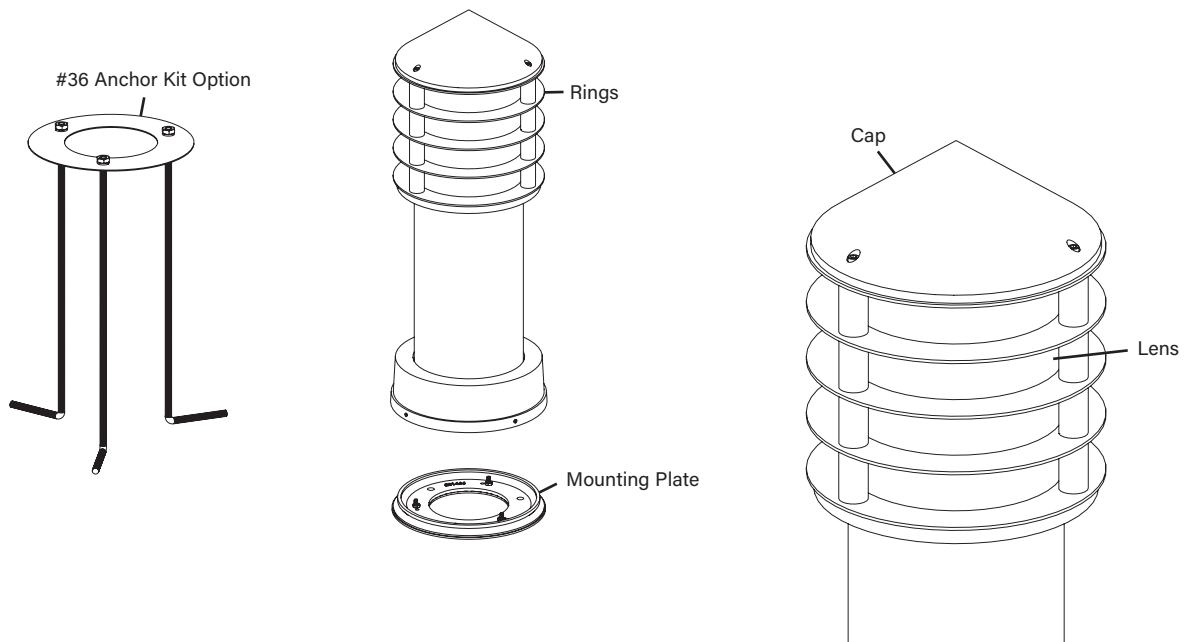
SAVE THESE INSTRUCTIONS

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



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

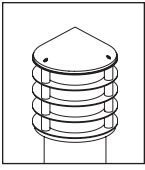
TEKA ILLUMINATION

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

RELEASE DATE
03/29/2024

REFERENCE NUMBER
INS-2572-00

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF TEKA ILLUMINATION AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF TEKA ILLUMINATION IS STRICTLY FORBIDDEN.

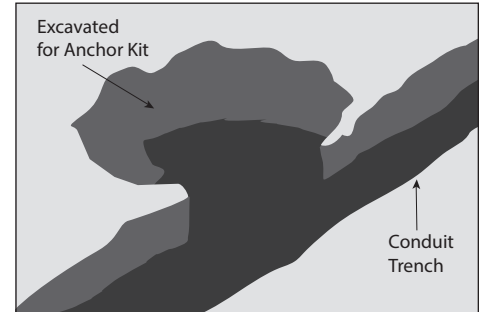
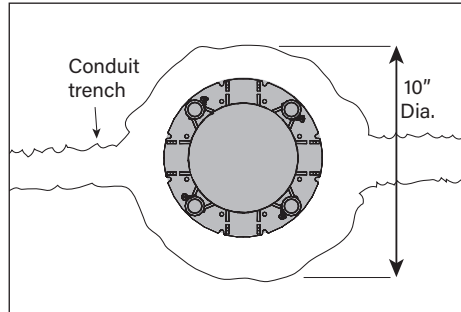
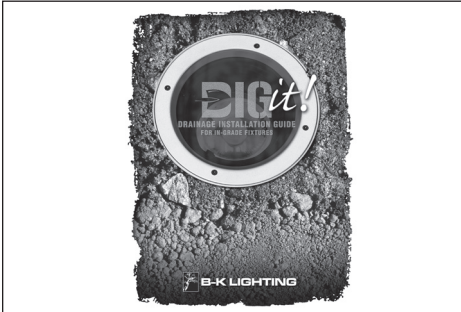


TOWER BOLLARD

(TWB) - LED

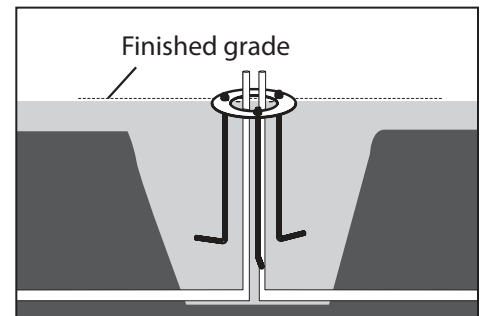
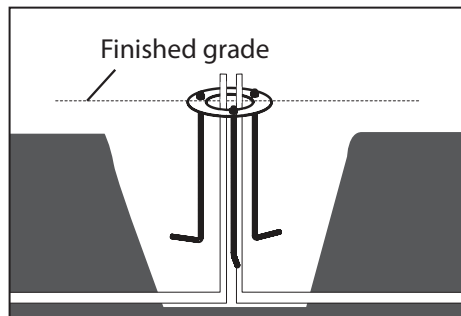
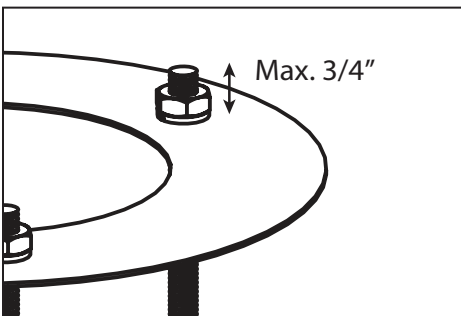
Standard Installation

Soil Prep

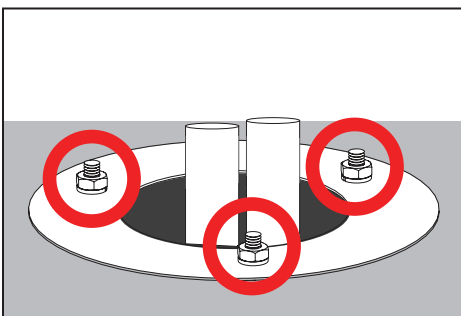


- Determine Soil Type by referencing DIG-IT Guide. Prep soil according to DIG-IT Guide.
- Dig hole 10" wide and 24" deep.
- Prep soil according to DIG-IT Guide.

Anchor #36 Installation



- Adjusted anchor bolts to project no more than 3/4" above the anchor plate after installation. The three (3) 1/4-20 nuts on top of the plate may be left in place while concrete is poured.
- Install anchor plate and bolt assembly flush with the finished grade. Run conduit inside of the anchor plate center hole prior to pouring concrete. The conduit may project above the finished surface of the concrete by 3/4" maximum. Max of four (4) 3/4" trade size conduits may be positioned inside anchor plate center hole prior to concrete pour.
- With the conduits in place and the anchor plate properly positioned, secured and leveled, concrete may be poured.



- The fixture may be installed by removing the three (3) 1/4-20 nuts and re-using them with wrench to secure the fixture mounting base assembly. See fixture installation sheet(s) for additional information.

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

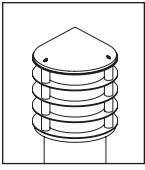


TEKA ILLUMINATION

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

RELEASE DATE
03/29/2024

REFERENCE NUMBER
INS-2572-00

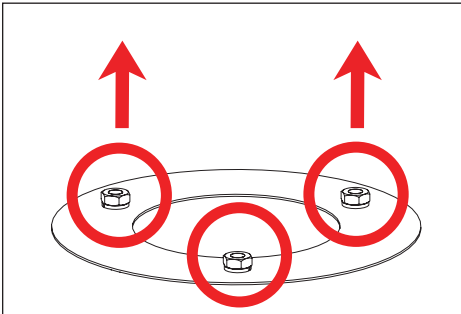


TOWER BOLLARD

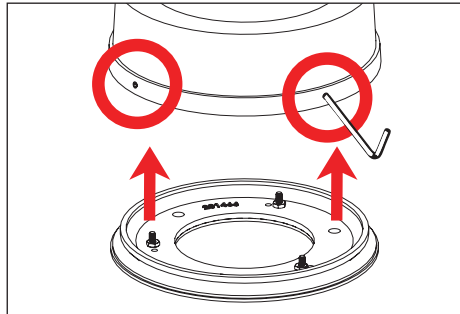
(TWB) - LED

Standard Installation

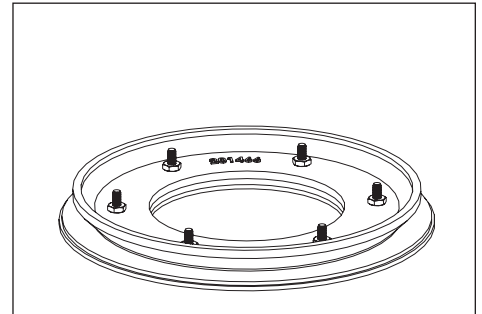
Phase 1 - Install Mounting Plate



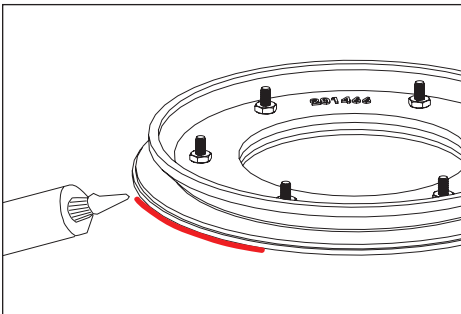
1. Remove 1/4-20 nuts from installed #36 anchor kit with adjustable crescent wrench.



2. Remove mounting plate assembly from the fixture base by loosening four (4) 1/4-20 x 1/2" set screws with a 1/8" allen wrench.

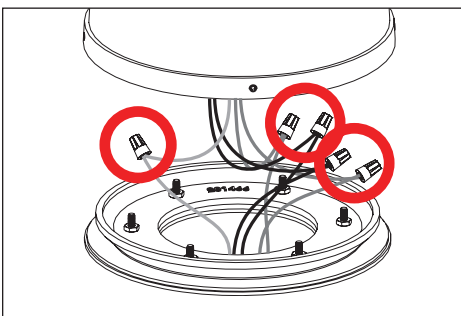


3. Attach mounting plate to anchor bolts with the 1/4-20 nuts and lock washers provided with the #36 Anchor kit using adjustable crescent wrench.

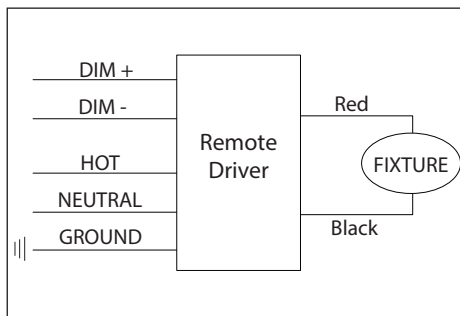


4. Seal as per NEC with waterproof silicone sealant.
5. Pull primary branch circuit wiring necessary for installation. Pull incoming dimming controls for installation.

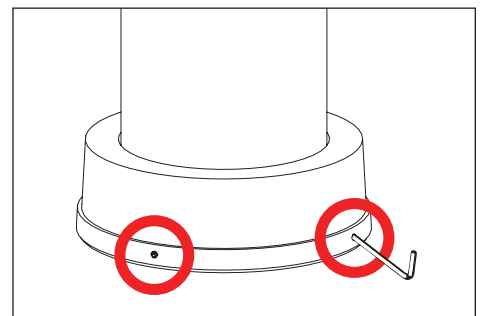
Phase 2 - Fixture Installation



1. Make connections from primary branch circuit to driver primary leads using watertight wire connectors (not included). Connect incoming dimming controls to driver side dimming controls. Connect green fixture ground wire to green primary ground wire. Secondary side is factory wired. See wiring diagram.



WIRING DIAGRAM



2. Place wiring connections inside of fixture and mounting plate and engage fixture with mounting plate. Tighten four (4) 1/4-20 set screws with a 1/8" allen wrench to secure. Make sure the fixture is completely seated.

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

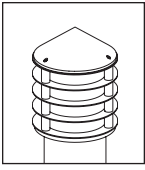


TEKA ILLUMINATION

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

RELEASE DATE
03/29/2024

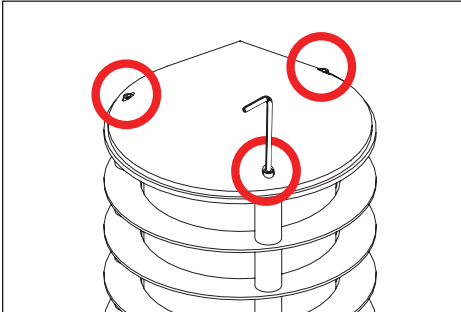
REFERENCE NUMBER
INS-2572-00



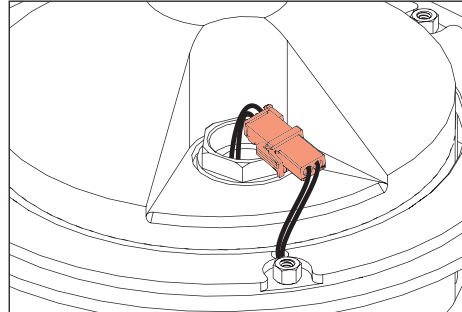
Standard Installation

TOWER BOLLARD (TWB) - LED

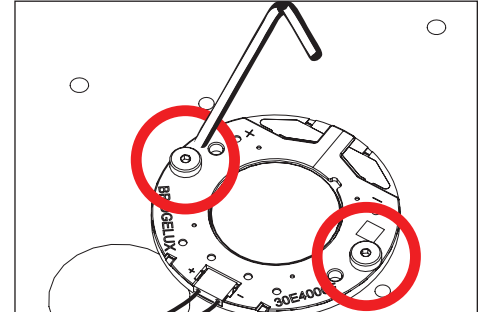
Replacing LED Assembly



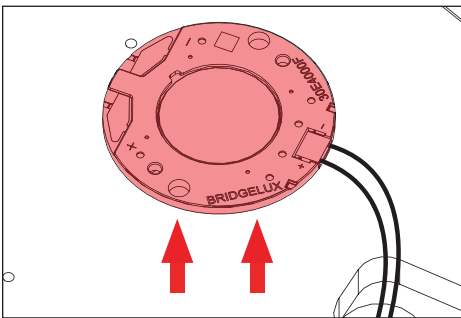
1. Loosen three (3) #10-24 set screws on cap using a 9/64" allen wrench.



2. Disconnect quick disconnects at top of heatsink.

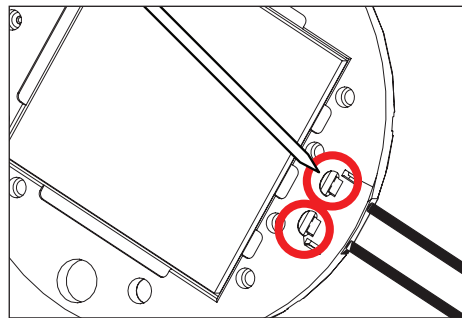


3. Loosen, then remove two (2) #4-40 screws from LED module using a .050" allen wrench.



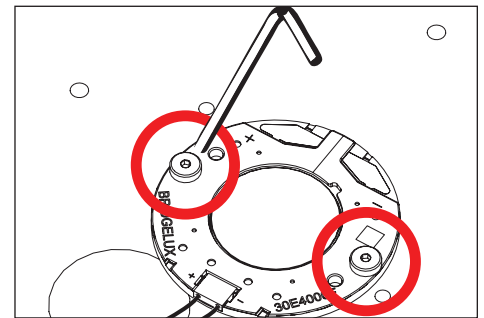
4. Carefully remove LED module from heatsink.

⚠ Do not pull on connector or wiring. Handle with care.

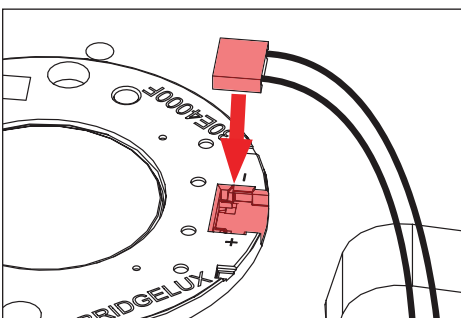


5. Use small pick tool to push connector off LED board through two small slots behind connector. Once loose, lift connector upwards and off board.

⚠ Fragile! Do not pull on connector or wiring. Handle with care.

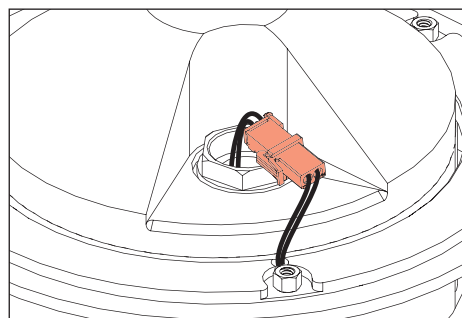


6. Spread thin, even layer of thermal paste on back of new LED module. Place new LED module onto heatsink, lining up module with holes for screws. Tighten two (2) #4-40 screws using a .050" allen wrench to secure LED module to heatsink.

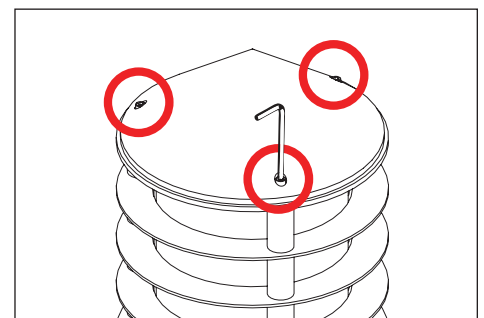


7. Press connector straight downwards into slot on module to snap into place.

⚠ Connector will only fit in one direction.



8. Reconnect quick disconnects at top of heatsink.



9. Place cap back on fixture body. Tighten three (3) #10-24 set screws on cap using a 9/64" allen wrench.

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



TEKA ILLUMINATION

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

RELEASE DATE
03/29/2024

REFERENCE NUMBER
INS-2572-00