

Standard Installation



Flammable



Warning



High Voltage



Hot Surface

**TOOLS
NEEDED:**

- 3/32", 1/8", & 7/64" Allen Wrench
- Waterproof Wire Connectors
- Data Cable (RE3 Option Only)

**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

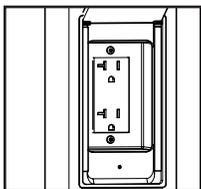
**IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE ALL
SAFETY AND INSTALLATION INSTRUCTIONS**

- 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.

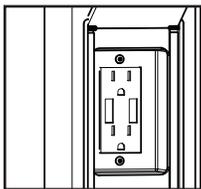
IMPORTANT LISTINGS AND CERTIFICATIONS

- Suitable for wet locations

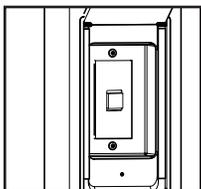
Proper soil preparation is recommended before installation. See the DIG-IT guide at www.bklighting.com/collaterals/install/digit.pdf for more information.



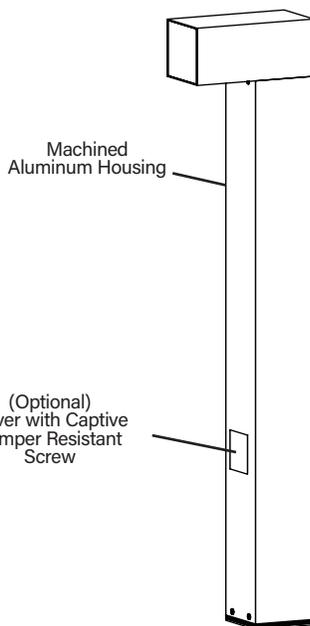
RE1 Option - GFI



RE2 Option - GFI & USB

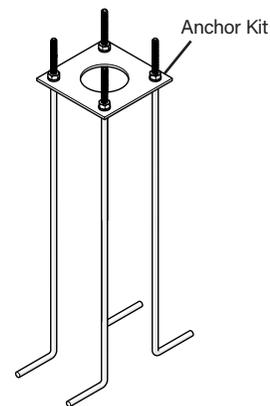


RE3 Option - RJ45 Jack



Machined Aluminum Housing

(Optional)
Cover with Captive
Tamper Resistant
Screw



Anchor Kit

⚠ CONCRETE INSTALLATION ONLY

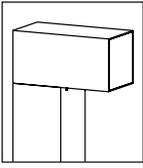
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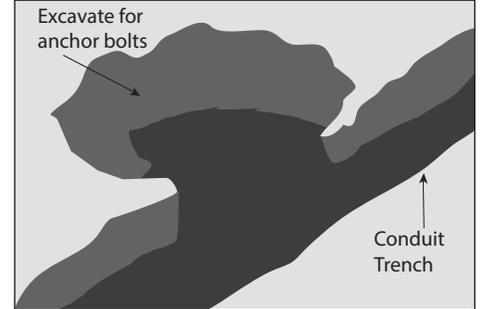
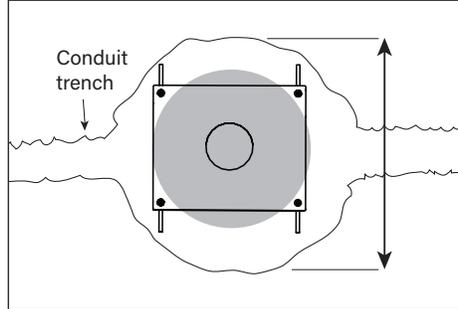
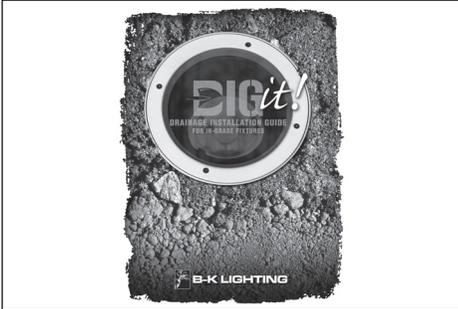
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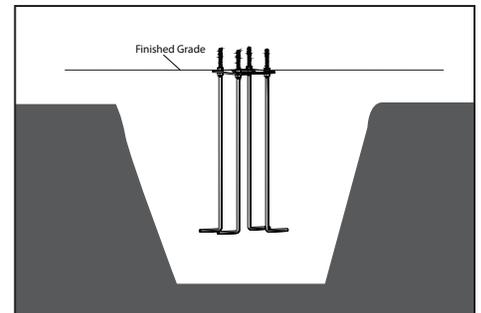
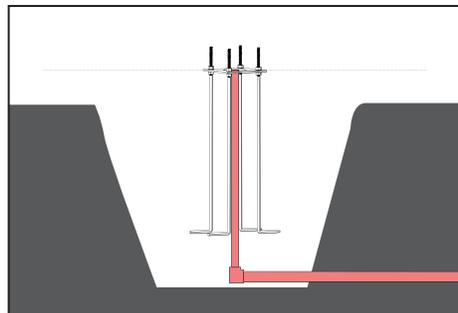
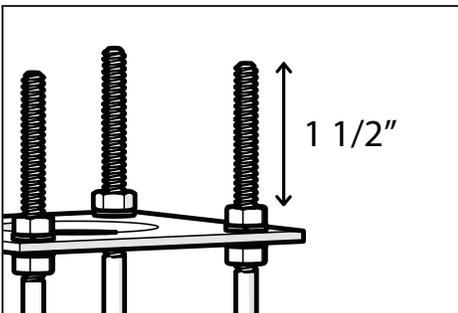
UNION
BOLLARD - LED

Soil Prep

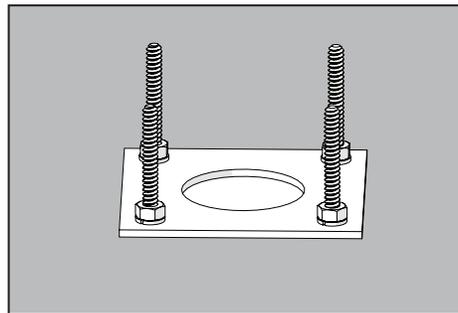
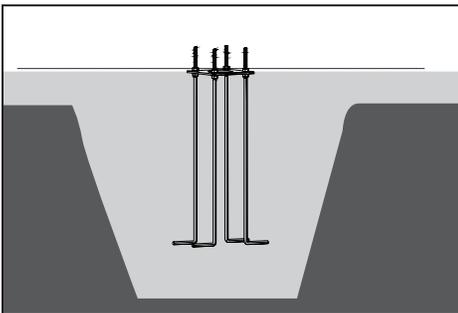


- A. Determine Soil Type by referencing DIG-IT Guide. Prep soil according to DIG-IT Guide.
- B. Dig hole 13" wide and 6" deep.
- C. Prep soil according to DIG-IT Guide.

Union Anchor Kit Installation



1. Adjusted anchor bolts to project at least 1-1/2" using the four (4) 1/4-20 nuts to the top of the plate. The four (4) nuts can be left in place while concrete is poured.
2. Run conduit inside of the anchor plate center hole prior to pouring concrete.
3. Install anchor plate and bolt assembly flush with the finished grade.



4. With the conduits in place and the anchor plate properly positioned, secured and leveled, concrete may be poured.
5. The fixture may be installed by removing the four (4) 1/4-20 nuts and re-using them to secure the fixture mounting base assembly. Trim conduit as needed.

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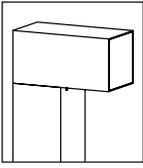


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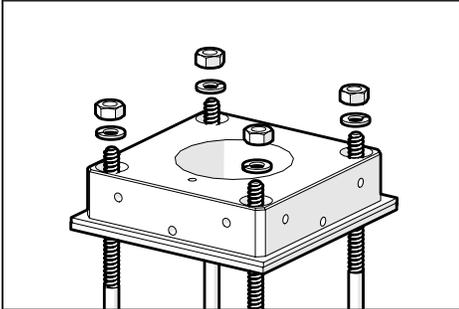
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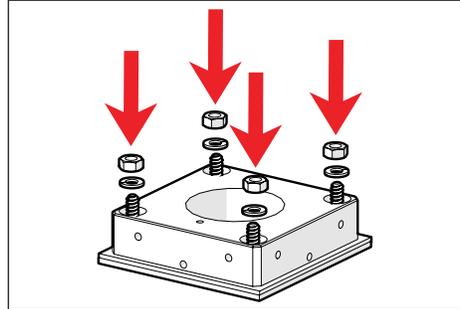


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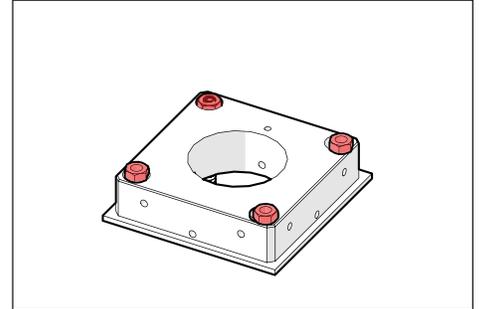
Base & Tenon Installation



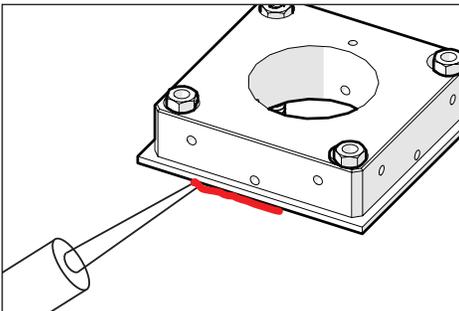
1. Remove 1/4-20 nuts from installed Union anchor kit with a socket. Keep the hardware to reuse in the next step.



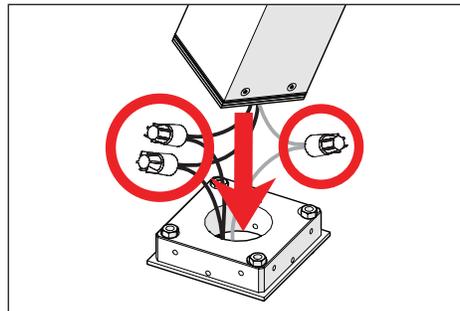
2. Line up then place base over installed 1/4-20 nuts.



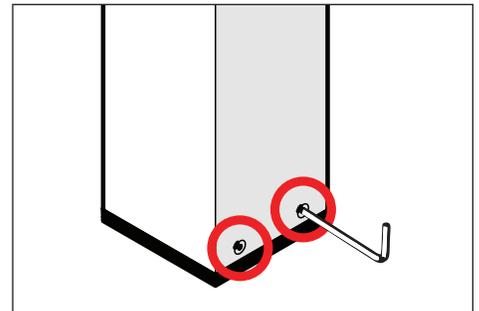
3. Secure to anchor bolts with the 1/4-20 nuts and lockwashers provided with the Union anchor kit using a socket.



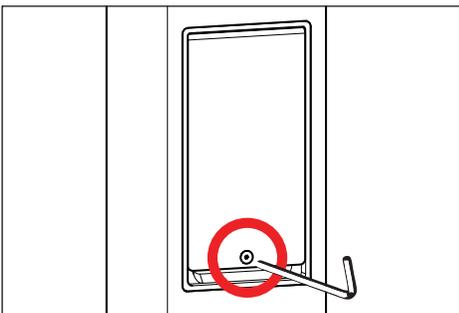
4. Seal as per NEC with waterproof silicone sealant (not included).



5. Pull primary branch circuit wiring and any additional dimming controls or other wiring necessary for installation. Place connectors inside of the housing (Please refer to page 4 for wiring diagram).



6. Attach receptacle to installed anchor base with four (4) #10-32 stainless steel countersunk screws at the base using a 1/8" allen wrench.

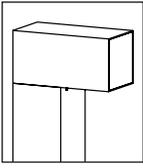


If the fixture has a receptacle.

7. Secure receptacle cover by tightening #6-32 set screw using a 7/64" allen wrench.

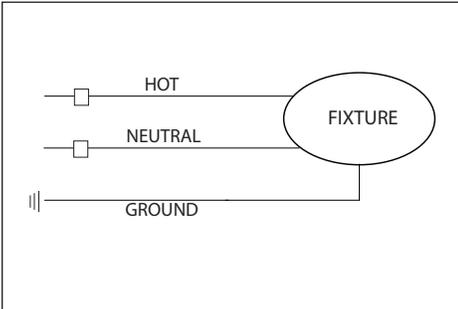
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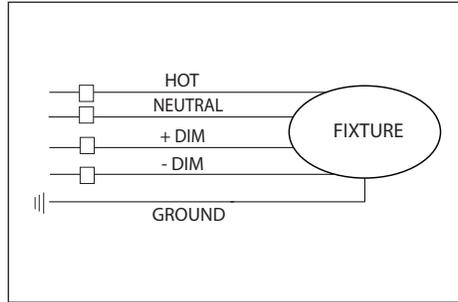
Standard Installation

Fixture installation Diagram



WIRING DIAGRAM - INC

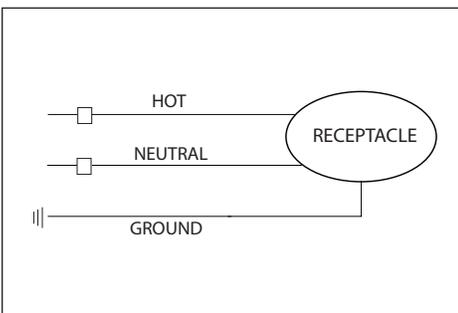
Pull branch circuit wiring. Make watertight connections from primary branch circuit to pre-wired 16/3 round jacketed fixture head leads using waterproof wire connectors. **See wiring diagram.**



WIRING DIAGRAM - 0-10

Pull branch circuit wiring. Make watertight connections from primary branch circuit to pre-wired 16/5 round jacketed fixture head leads using waterproof wire connectors. **See wiring diagram.**

Receptacle Installation Diagram



WIRING DIAGRAM

Pull branch circuit wiring. Make watertight connections from primary branch circuit to pre-wired 12ga solid wire receptacle leads using waterproof wire connectors. **See wiring diagram.**

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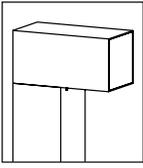


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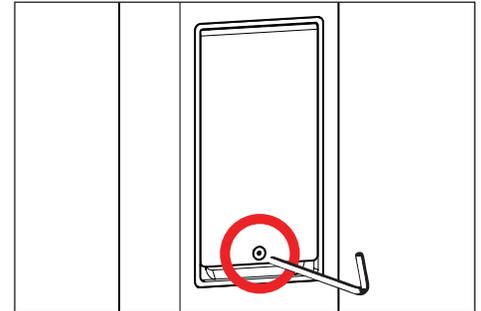
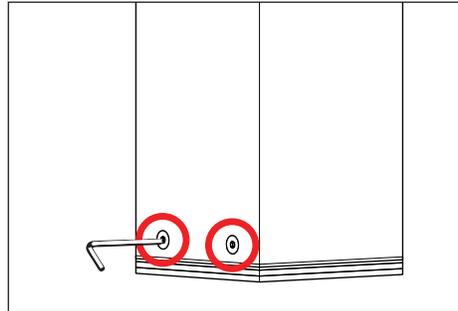
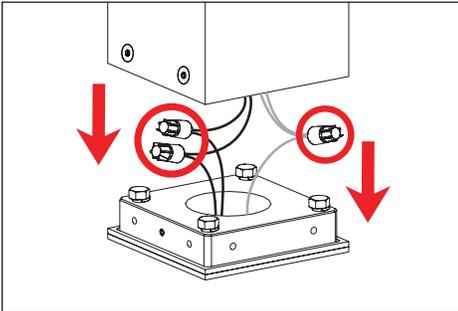
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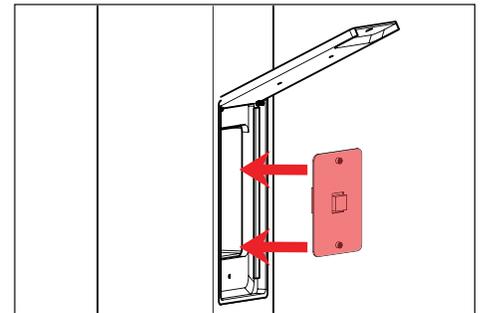
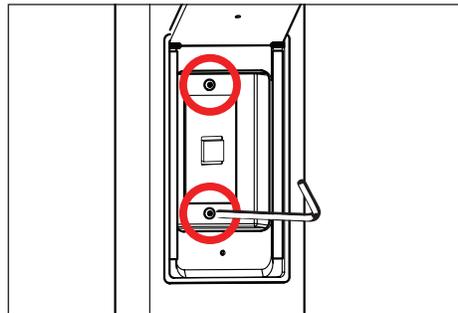
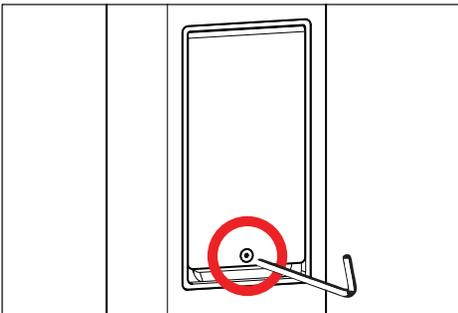
Standard Installation

Installation of Receptacle (RE1 & RE2 Option)

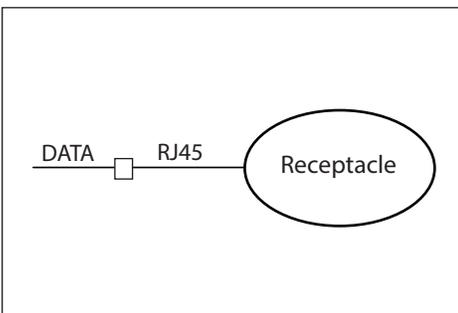


1. Pull branch circuit wiring. Make watertight connections from primary branch circuit to pre-wired 16/3 round jacketed fixture head leads and pre-wired 12ga solid wire receptacle leads using waterproof wire connectors. Place connectors inside of the housing
2. Attach receptacle to installed anchor base with four (4) #10-32 stainless steel countersunk screws at the base using a 1/8" allen wrench.
3. Secure receptacle cover by tightening #6-32 set screw using a 7/64" allen wrench.

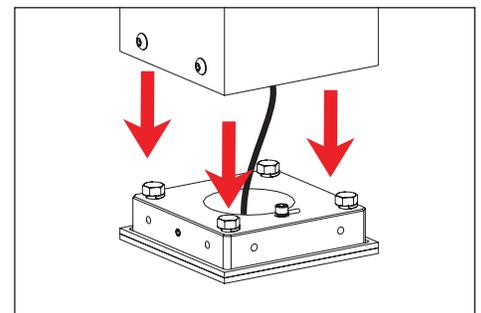
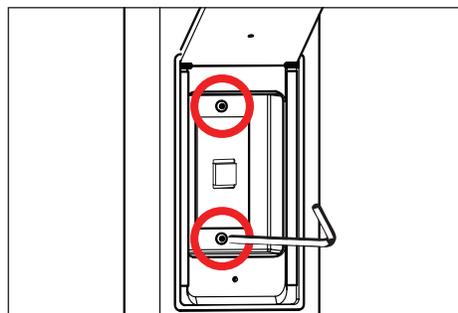
Installation of Receptacle (RE3 Option)



1. Open receptacle cover. Receptacle cover has #6-32 screw for use with a 7/64" allen wrench.
2. Loosen two (2) #6-32 screws with a 7/64" allen wrench to remove inner bracket with RJ45 jack.
3. Connect incoming data cable to RJ45 jack as per installation plan. Follow manufacturer's instructions as per cable and method of connection to RJ45 jack (cable and connections required by others). **See wiring diagram.**



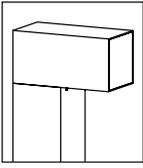
WIRING DIAGRAM



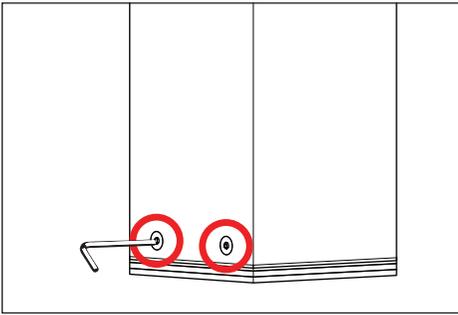
4. Place connections into bollard. Attach inner bracket with RJ45 jack with two (2) #6-32 screws with a 7/64" allen wrench.
5. Place connection(s) and/or cable inside receptacle.

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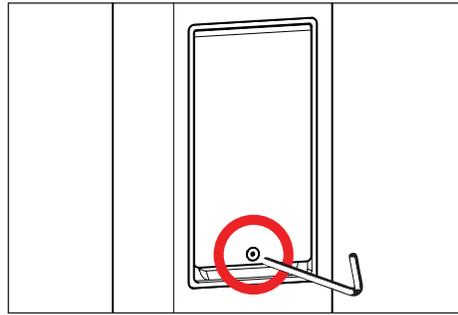




Standard Installation



6. Attach in-use receptacle to installed anchor base and plate with four (4) #10-32 stainless steel cap screws at the base using a 1/8" allen wrench.



7. Receptacle cover has captive #6-32 screw. Secure receptacle by tightening captive #6-32 set screw using a 7/64" allen wrench.

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