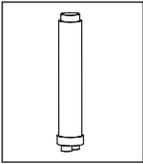


# POWER PIPE SYSTEM JUNCTION BOX



## Standard Installation



Flammable



Warning



Low Voltage



Hot Surface

**TOOLS  
NEEDED:**

- 5/64" Allen Wrench
- Waterproof Wire Connectors
- Phillips 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:**

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

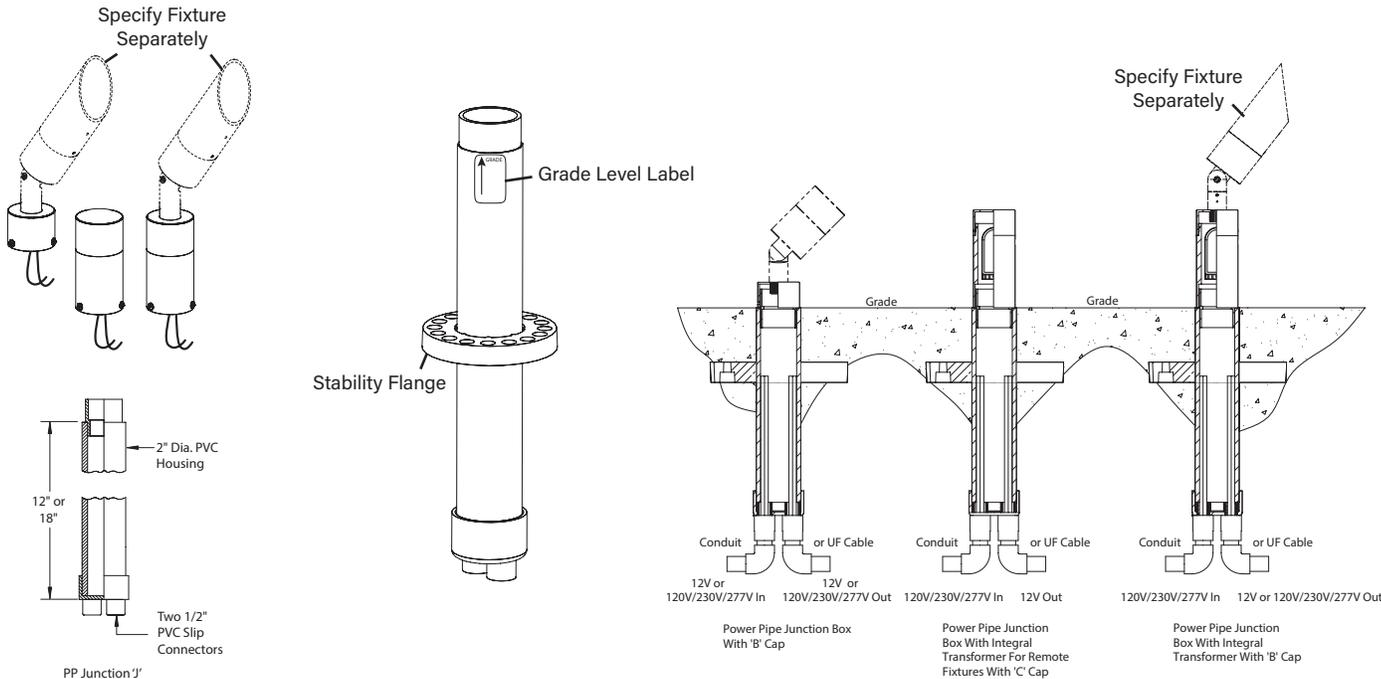
- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate 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 <https://www.bklighting.com/wp-content/uploads/2024/09/digit.pdf> for more information.**

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



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

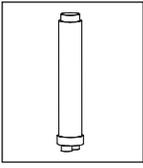
**B-K LIGHTING**

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RELEASE DATE  
**08/15/2024**

REFERENCE NUMBER  
**INS001284**

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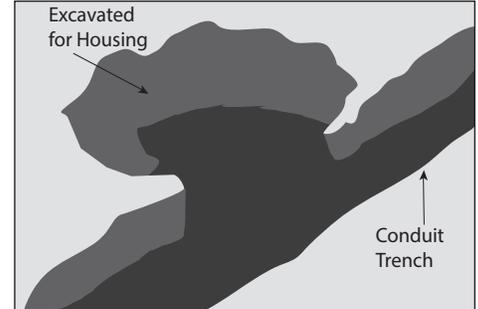
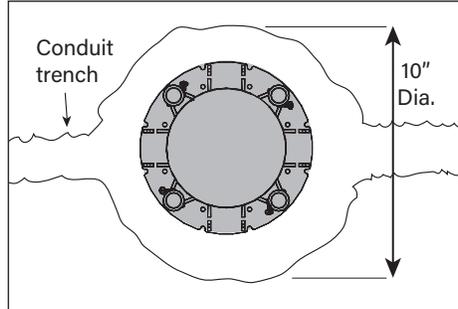
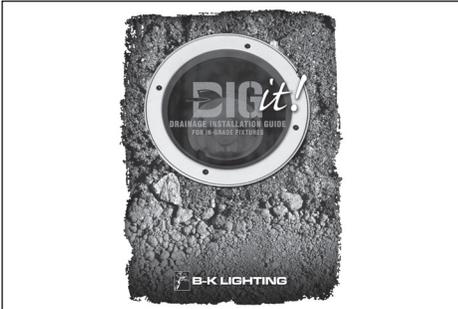


## Standard Installation

# POWER PIPE SYSTEM JUNCTION BOX

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

### Soil Prep

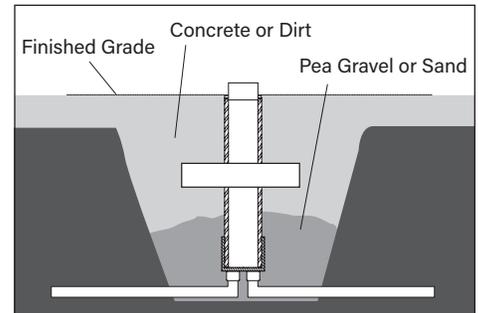
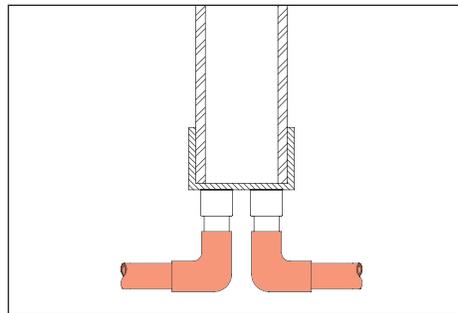
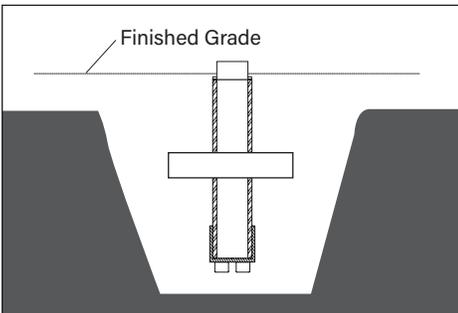


A. Determine Soil Type by referencing DIG-IT Guide. Prep soil according to DIG-IT Guide.

B. Dig hole 10" wide and 24" deep.

C. Prep soil according to DIG-IT Guide.

### Installation of Power Pipe Junction Box



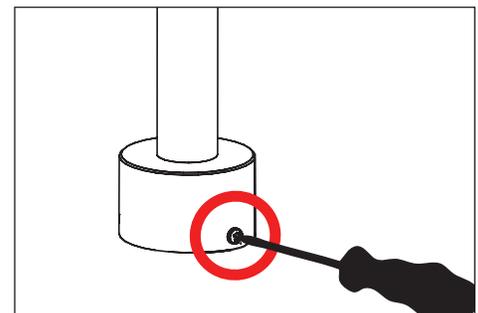
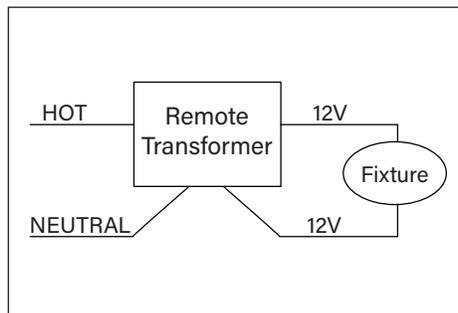
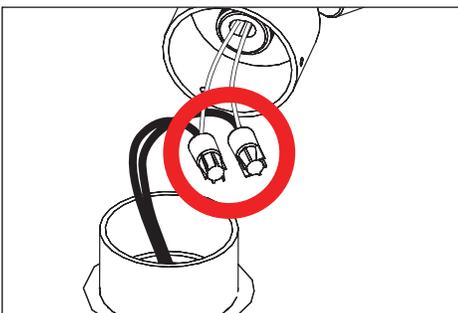
1. Excavate trench according to designed lighting plan. Dig hole a minimum of 24" deep and 10" wide to accommodate power pipe at desired fixture locations. **Do not cut PVC.**

2. Connect conduit to the 1/2" conduit couplers attached to the bottom of the power pipe. Place power pipe in hole.

3. Back fill hole with soil and/or prep for concrete.

4. Pull branch circuit or low voltage wiring necessary for appropriate installation.

### Junction Box with "B" Cap



1. Make watertight connections from remote 12V transformer to fixture leads using waterproof wire connectors (not included).

**WIRING DIAGRAM**

2. Attach B cap to power pipe with three (3) #8-32 round head phillips stainless steel screws at base to secure to power pipe with phillips screwdriver.

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

**IMPORTANT SAFETY INFORMATION LISTED ON REVERSE  
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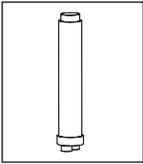


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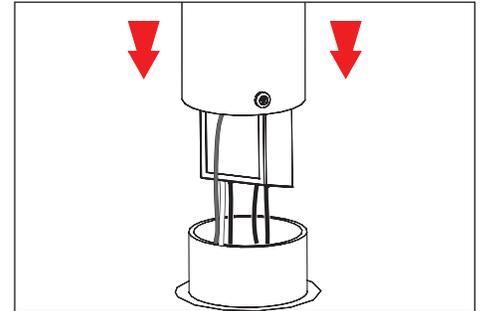
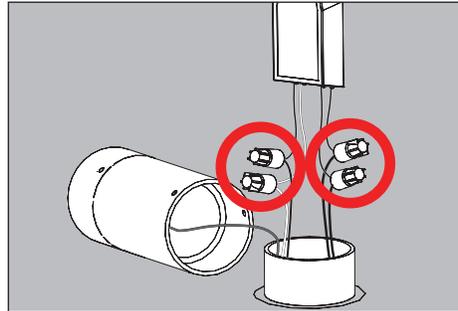
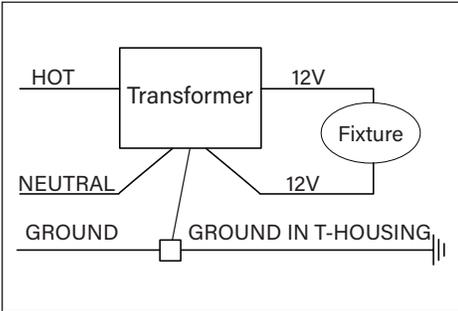
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### Standard Installation

# POWER PIPE SYSTEM JUNCTION BOX

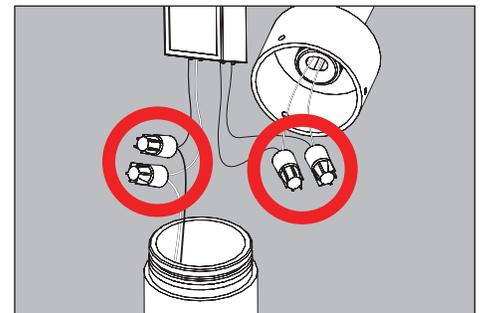
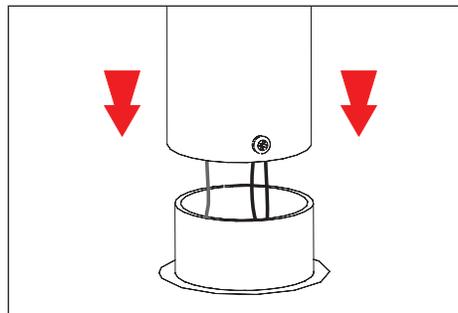
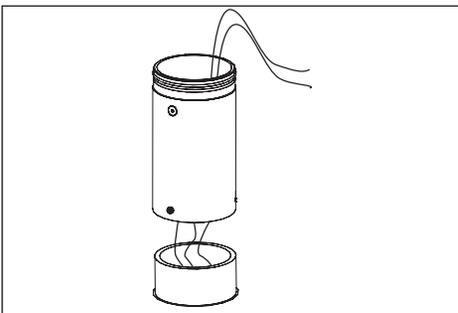
## Junction Box with Integral Transformer T-Housing with "C" Cap



1. Make watertight connections from primary branch circuit to primary side of transformer using waterproof wire connectors (not included). Attach secondary leads from transformer to low voltage cable using approved waterproof wire connectors.
2. Attach ground from branch circuit to screw in transformer t-housing. Place transformer and connectors into t-housing.
3. Attach C cap and transformer t-housing to power pipe with three (3) #8-32 round head phillips stainless steel screws at base of housing to secure to power pipe with phillips screwdriver.

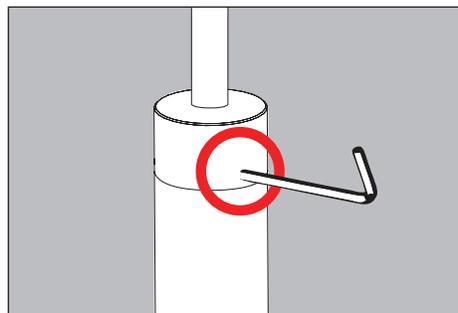
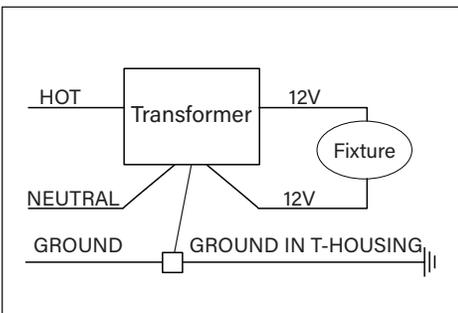
**⚠ Failure to use waterproof wire connectors will cause fixture to fail and VOID PRODUCT WARRANTY.**

## Junction Box with Integral Transformer and "B" Cap



1. Pull primary branch circuit through transformer t-housing. Attach ground from branch circuit to screw in transformer t-housing.
2. Attach transformer t-housing to power pipe with three (3) #8-32 round head phillips stainless steel screws at base of housing to secure to power pipe with phillips screwdriver.
3. Make watertight connections from primary branch circuit wiring to primary side of transformer using waterproof wire connectors (not included). Attach secondary leads from 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

4. Place transformer and connectors into t-housing. Attach B cap to t-housing with (3) #8-32 stainless steel set screws using a 5/64" allen wrench.

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