

MINI-MICRO DR2

IN-GRADE - SURFACE MOUNT/FLUSH MOUNT

Standard Installation



Flammable



Warning



Low Voltage



Hot Surface

TOOLS NEEDED:



5/64" Allen Wrench



Waterproof Wire Connectors

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

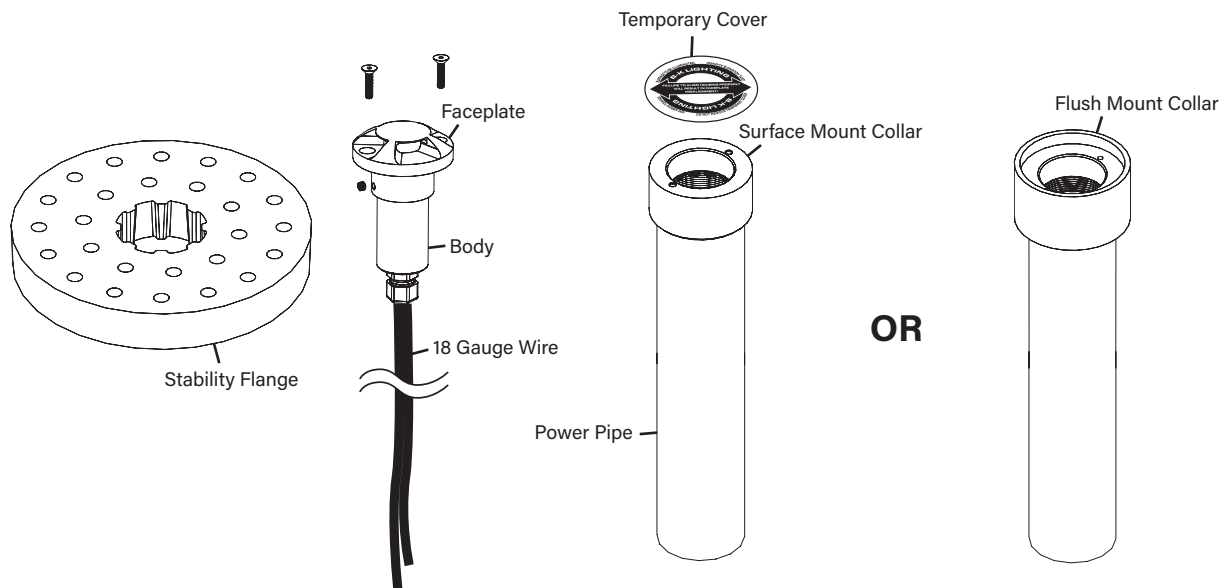
- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate 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 • Not suitable for through wiring

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/#:~:text=Welcome%20To%20Our%20Low%20Voltage%20Calculator>" before installation for proper wire selection.



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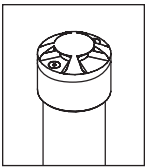
B-K LIGHTING

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RELEASE DATE
01/11/2024

REFERENCE NUMBER
INS001068.1

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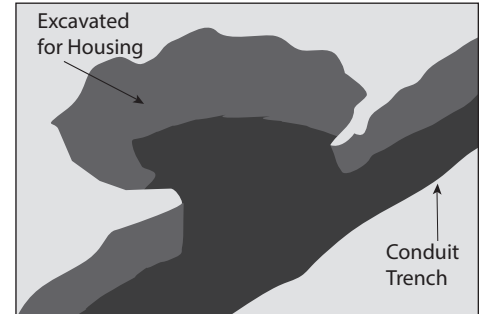
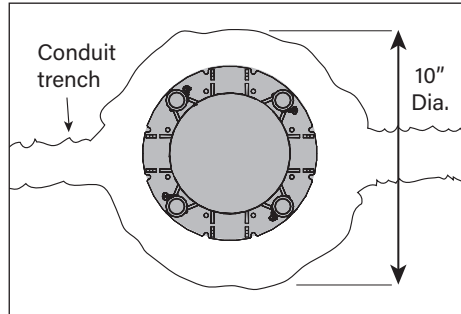
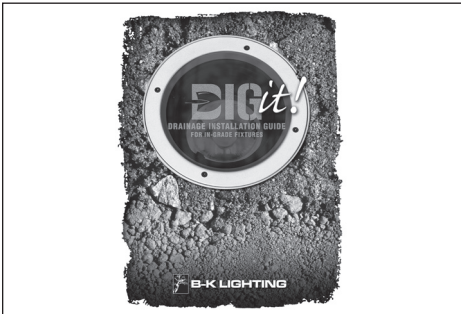


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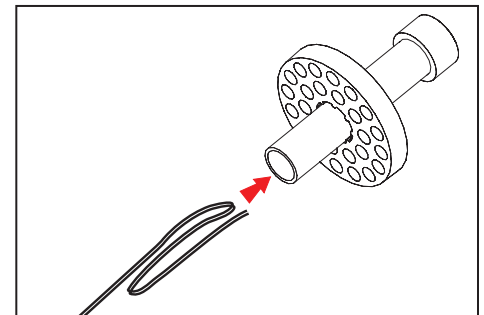
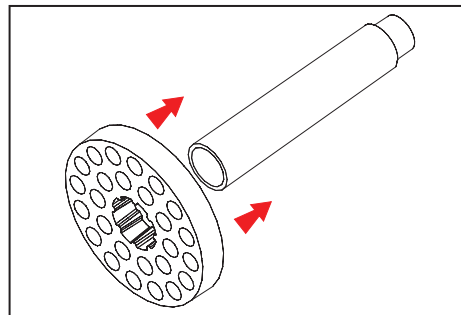
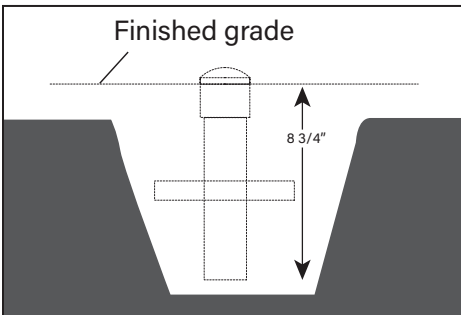
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Soil Prep

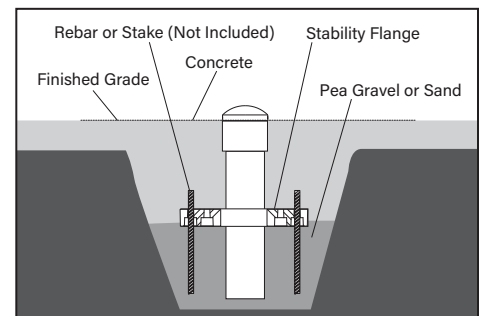
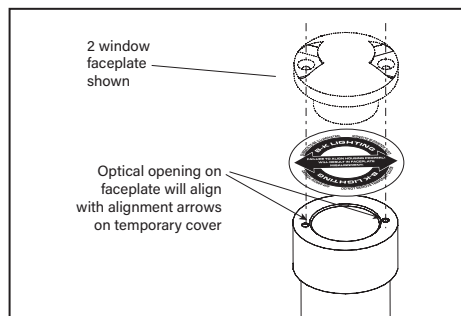
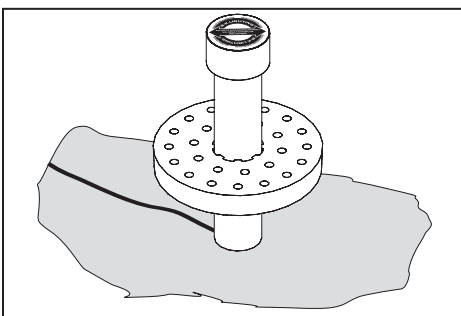


- A. Determine Soil Type by referencing DIG-IT Guide. Prep soil according to DIG-IT Guide.
- B. Dig hole 10" wide and 10" deep.
- C. Prep soil according to DIG-IT Guide.

Fixture Installation - (for use with Surface Mount)



1. Excavate trench according to designed lighting plan 10" deep and 10" wide suitable for the 8-3/4" fixture housing.
 2. Supply low voltage wiring necessary for installation.
 3. Slide stability flange onto power pipe.
 4. Loop minimum of 6" of low voltage wire inside power pipe to allow for fixture service.
- NOTE:** Product is supplied with a stability flange to anchor fixture and aid in installation.
- NOTE:** Do not remove temporary cover!
- NOTE:** Do not cut power pipe. Doing so will prevent sufficient wire makeup for fixture service and will void warranty.



5. Place power pipe in hole.
 6. Align holes to final installation orientation. Point arrows on temporary cover toward surface to be illuminated.
 7. Back fill with pea gravel or sand prior to pour.
- NOTE:** Leave sufficient wire length in the power pipe for future service.
- NOTE:** Do not remove temporary cover until installation of faceplate.
- NOTE:** The power pipe must be flush to finished grade. Use stability flange to aid in installation of power pipe as shown.

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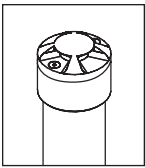


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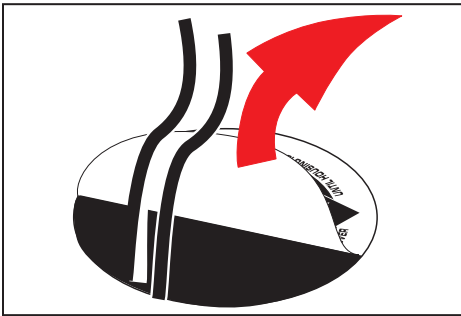
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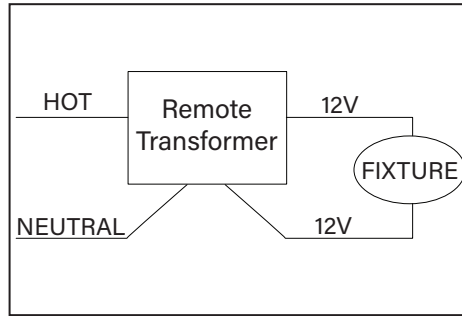
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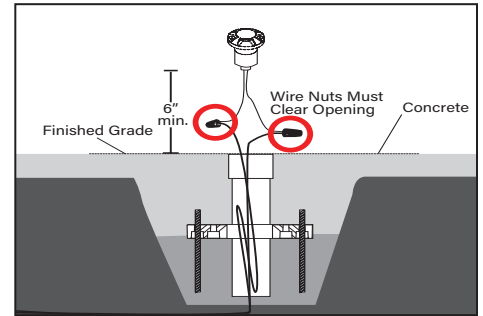
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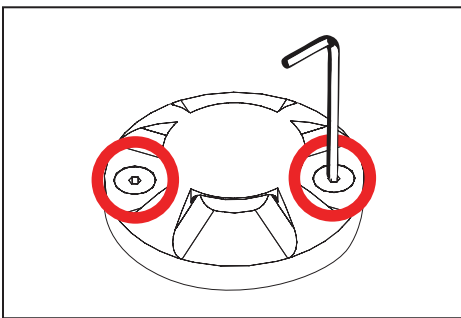
- Remove temporary cover and pull out low voltage wire.



WIRING DIAGRAM

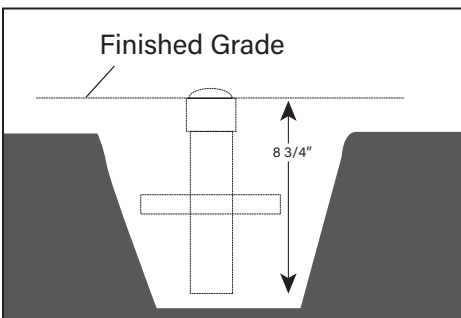


- Access low voltage wire inside power pipe. Make two watertight connections using waterproof wire connectors (not included). Wire nuts must clear opening. Insert fixture and low voltage wire into power pipe.

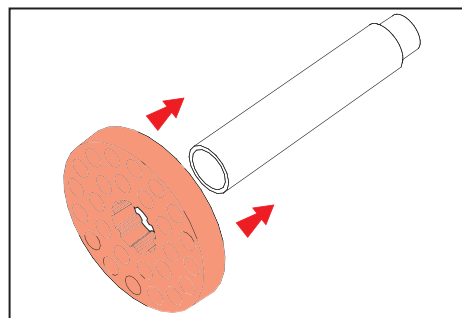


- Mount faceplate to collar using a (2) #6-32x5/8" flat head screws (included) with a 5/64" allen wrench.

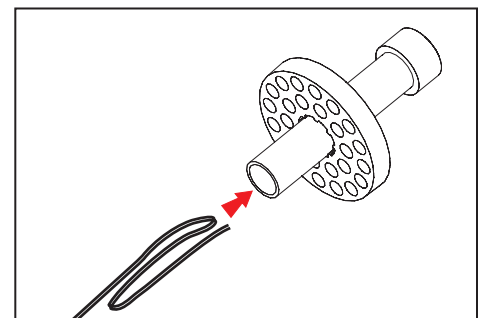
Fixture Installation - (for use with Flush Mount)



- Excavate trench according to designed lighting plan 10" deep and 10" wide suitable for the 8-3/4" fixture housing. See Dig-It Guide at www.bklighting.com/dig-it for proper soil preparation information.
- Supply low voltage wiring necessary for installation.



- Slide stability flange onto power pipe.
- ⚠ **NOTE: Product is supplied with a stability flange to anchor fixture and aid in installation.**
- ⚠ **Do not cut power pipe. Doing so will prevent sufficient wire makeup for fixture service and will void warranty.**



- Loop minimum of 6" of low voltage wire inside power pipe to allow for fixture service.
- ⚠ **NOTE: Do not remove temporary cover!**

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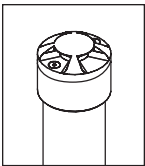


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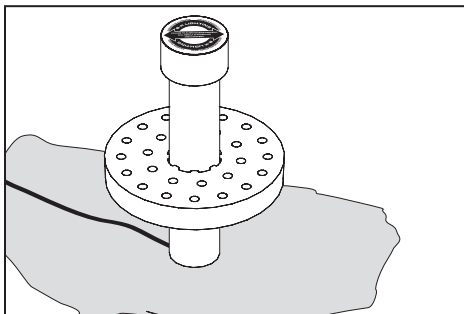
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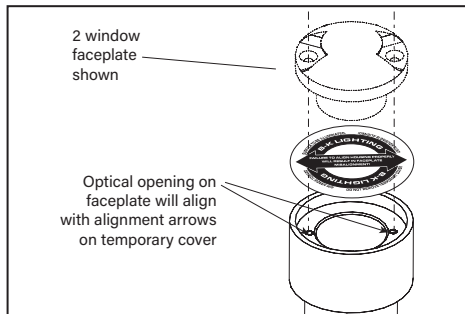
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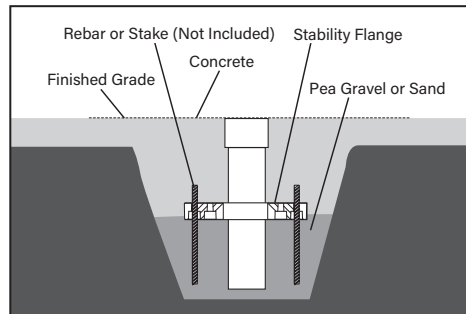
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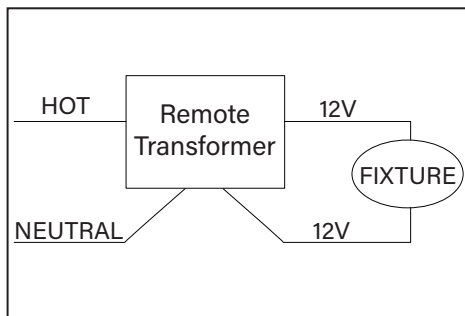


7. Back fill with pea gravel or sand prior to pour.

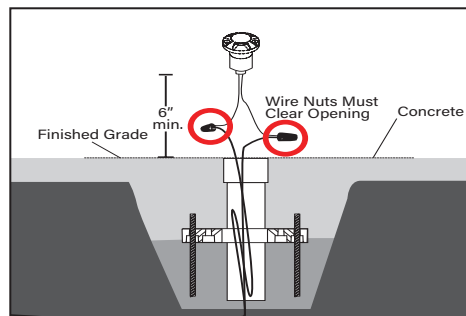
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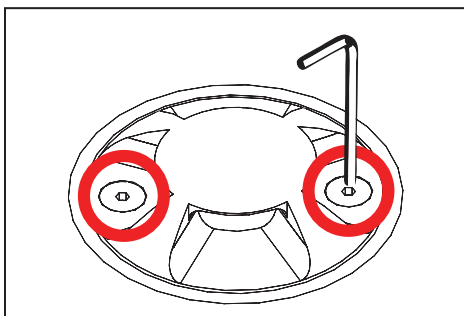
8. Remove temporary cover and pull out low voltage wire.



WIRING DIAGRAM



9. Access low voltage wire inside power pipe. Make watertight connections using waterproof wire connectors (not included). Wire connectors must clear opening. Insert fixture and low voltage wire into power pipe.



10. Mount faceplate to collar using two (2) #6-32x5/8" flat head screws (included) with a 5/64" allen wrench.

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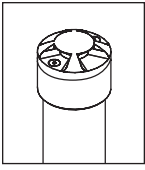


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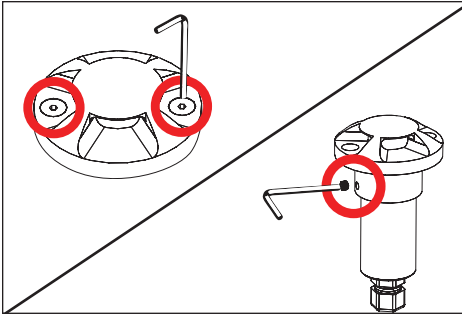


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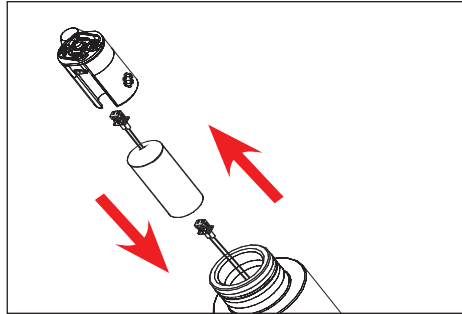
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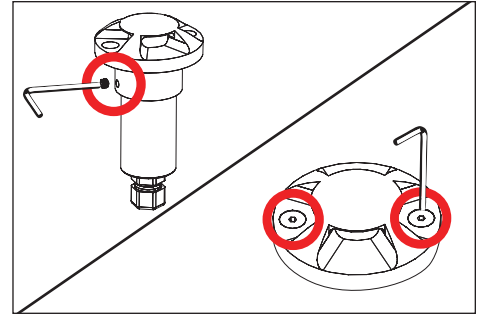
**THIS PRODUCT IS AVAILABLE WITH A FACTORY INSTALLED LED.
COMPONENT REPLACEMENT - IF REQUIRED**



1. Loosen #8-32 set screw on faceplate assembly using a 5/64" allen wrench and remove. Loosen set screw on collar and remove.



2. Pull the heat sink from the body to expose the LED board and Driver components. Utilize quick disconnects to change modular LED and driver components. Re-install the heat sink into body.



3. Replace faceplate assembly and tighten set screw. Re-Install fixture.

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