

## SAVE THESE INSTRUCTIONS

• **Danger:** Always disconnect power before wiring, or maintenance. Fixture must be installed by a qualified electrician. Do not install in locations where water collects and/or stands for prolonged periods of time. Fixture must always be installed according to local and national electrical codes, rules & regulations. Fixture must be installed on a circuit protected by Ground Fault Circuit Interrupter (GFCI).

• **Warning:** The joint MUST be sealed between the mounting surface (e.g., wall, ground, ceiling, etc.) and the fixture with an appropriate sealing / caulking compound to provide a watertight seal. Seal all conduit opening(s) and opening(s) from water entry. Before service ensure fixture is cool to touch. Always ensure that all gaskets and sealing surfaces are free of dirt and debris.

LED fixture(s), LED driver(s) and LED electrical components are more precise electrically than standard non LED products (e.g. Incandescent, Compact Fluorescent, H.I.D., etc.). Please follow the following guidelines/requirements when installing LED fixture(s)/LED driver(s).

1. Install LED fixture(s) and/or LED driver(s) only on their own circuit. Do not mix any other non LED products/fixtures (e.g., Incandescent, Compact Fluorescent, H.I.D., etc.) with LED fixture(s)/LED driver(s) on a single circuit.

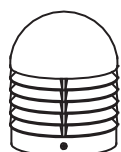
2. Do not use any other electrical equipment (e.g., surge protectors, photocells, etc.) that is not (rated) for use with LED fixture(s)/LED driver(s) on the same circuit as LED fixture(s)/LED driver(s).

3. Use GFCI's (by others) on each circuit (per installation instructions) appropriate for the installation.

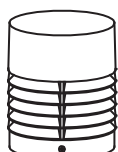
4. Install remote surge protector(s) (by others, goes on the circuit with nothing between the surge protector and the LED fixture(s)/LED driver(s) ), if the fixture is not already installed with a surge protector, to help remove power surges that may harm LED fixture(s), appropriate for the installation. Periodically check and make sure that your remote surge protector(s) are in good working order.

5. Keep fixture and clear lens free of dirt, debris (includes ice and snow).

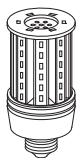
### Components / Parts (NOTE: ALL HARDWARE FOR EACH HEAD IN BOX WITH HEAD).



BL431 HEAD (1)



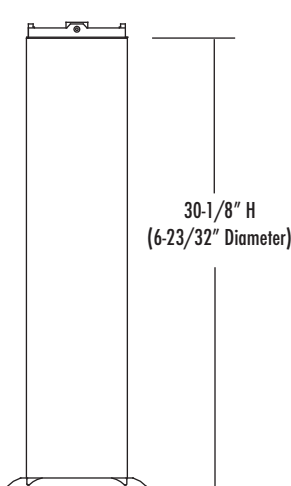
BL434 HEAD (1)



LED Lamp (1)

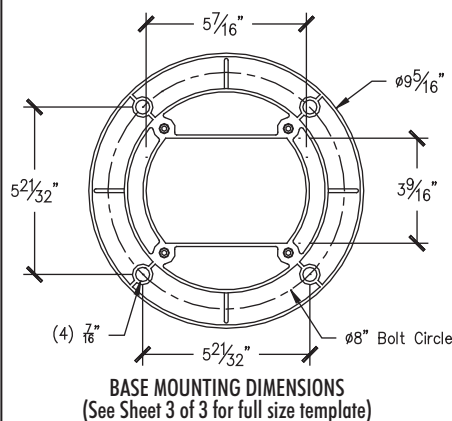


M5 X 12MM LONG HEX FLAT HEAD  
STAINLESS STEEL SCREW (Uses M3  
Hex/Allen key)  
(2) EACH INSTALLED IN EACH HEAD - AT  
TOP



POST (1)  
(includes base)

### Components Dimensions



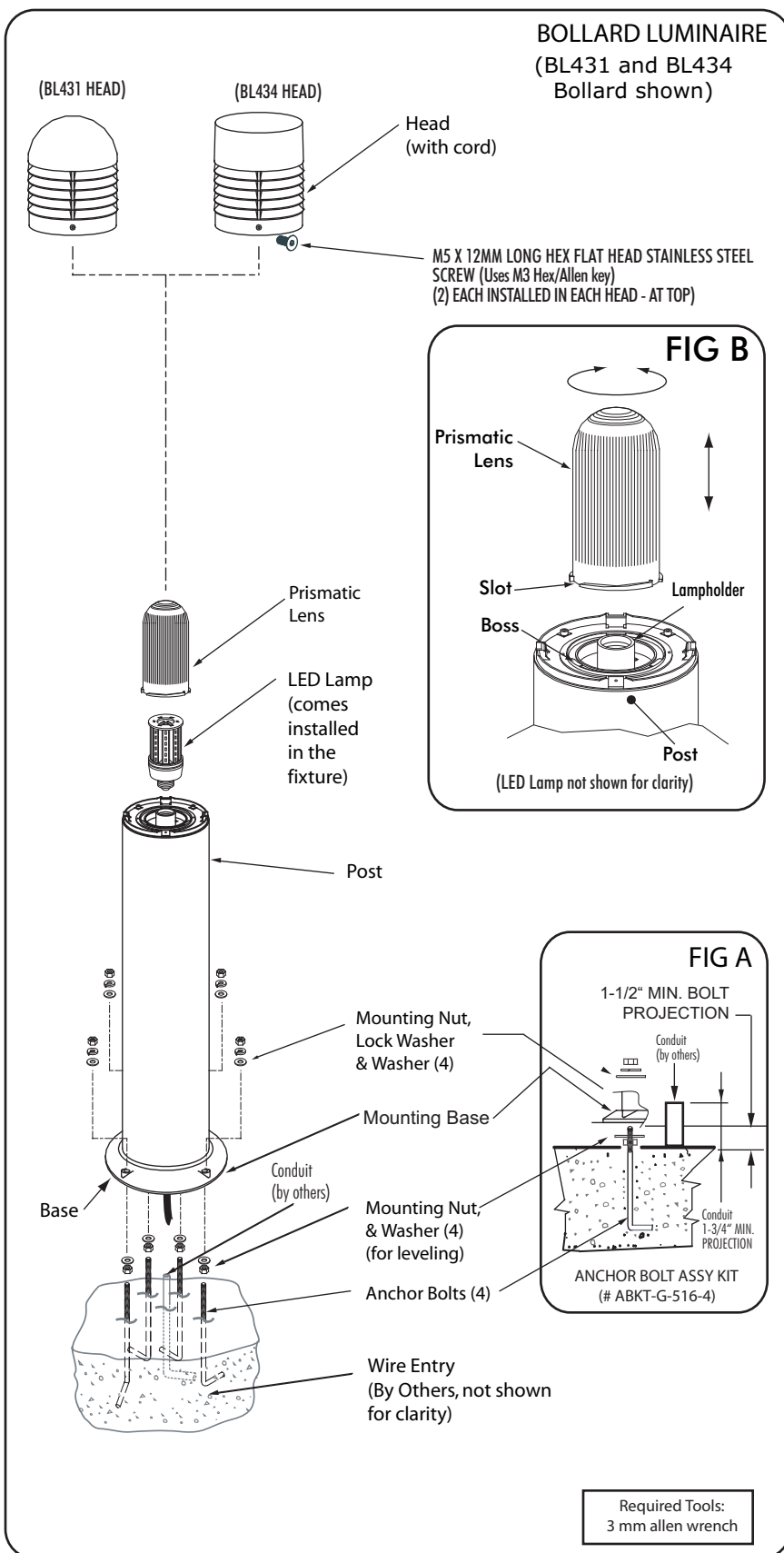
#### ANCHOR BOLT KIT # ABKT-G-516-4

##### INCLUDES:

- 5/16"-18 x 8" LONG ANCHOR BOLT, GALV. STL (4)
- 5/16"-18" NUT, GALV. STL (8)
- 5/16"-18" SPLIT LOCK WASHER, GALV. STL (4)
- 5/16" WASHER, GALV. STL (8)

### Tools Required

- Phillips Head Screwdriver
- M3 ALLEN KEY
- Hardware (screws, nuts, etc., By others)
- DO NOT USE POWER TOOLS.
- ONLY USE HAND TOOLS.



### Fixture Installation:

**Note :** Your fixture shipped comes installed with the LED lamp in the fixture.

1. Use only Anchor Bolt Assembly Kit # ABKT-G-516-4 hardware (Anchor Bolts with supplied hardware - see sheet 1 Components) or any other appropriate hardware (by others) for to install in solid substrate (see left).

2. Consult a structural Engineer or Architect as needed when installing or planning to install anchor bolt kit (Anchor bolts) in solid substrate (FIG B).

3. Assemble Anchor Bolt Assembly Kit # ABKT-G-516-4 ((4) 5/16"-18 x 8" anchor bolt, (8) 5/16" nuts, (4) 5/16" lock washers, and (8) 5/16" washers) with Base (see left). If using the anchor bolt template on page 3 of 3 instead of Base Make sure to print the template at full scale and check with a ruler after printing to make sure the template is at full scale. If template is not at full scale do NOT use template, use Base. Make sure that the anchor bolt projection, conduit (by others, FIG B) and cord or wire (by others) are at their appropriate (minimum) heights (FIG. B).

4. Secure Anchor Bolt Assembly Kit in a solid substrate, making sure that the bottom of the fixture base (or template) is at grade level (see below, FIG A) and level, and wiring (by others) to the fixture is in place. Make sure Anchor Bolt Assembly Kit is solid before going to Step 5. Use only 1) Anchor Bolt Assembly Kit or 2) fixture "Base" with anchor bolts and supplied hardware (or any appropriate hardware) to install fixture.

5. Remove the top anchor bolts the nuts, washers and lock washers and fixture from anchor bolt/ or other hardware in ground.

6. Wire fixture per wiring instructions (see below #11 - # 16 below) and install the base at bottom of post on top of Anchor Bolts. Replace nuts, lock washers and washers on the anchor bolts (see below FIG A) and tighten securely.

### Replacing LED Lamp in fixture.

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7. Remove fixture head by removing the two flat head screws with an M3 allen key (by others) and removing head from post.

8. Remove the prismatic lens (FIG B) by turning the lens to the left to align slot (in lens) with boss (in post top) and remove prismatic from post top.

9. Unscrew the LED Lamp from lampholder.

10. Replace LED lamp, Lens head, and screws by reversing steps in 5-7 above.

### WIRING:

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9. Make sure fixture is installed (see Fixture Installation above).

10. Connect ground wire (green or bare copper) from the supply circuit to the ground (green or bare copper) wire/screw/connector from the luminaire.

11. Connect the neutral (white) wire from the supply circuit to the neutral (white) wire/screw/connector from the luminaire.

12. Connect the hot wire from the power supply to the hot (Lead or black) wire from the luminaire.

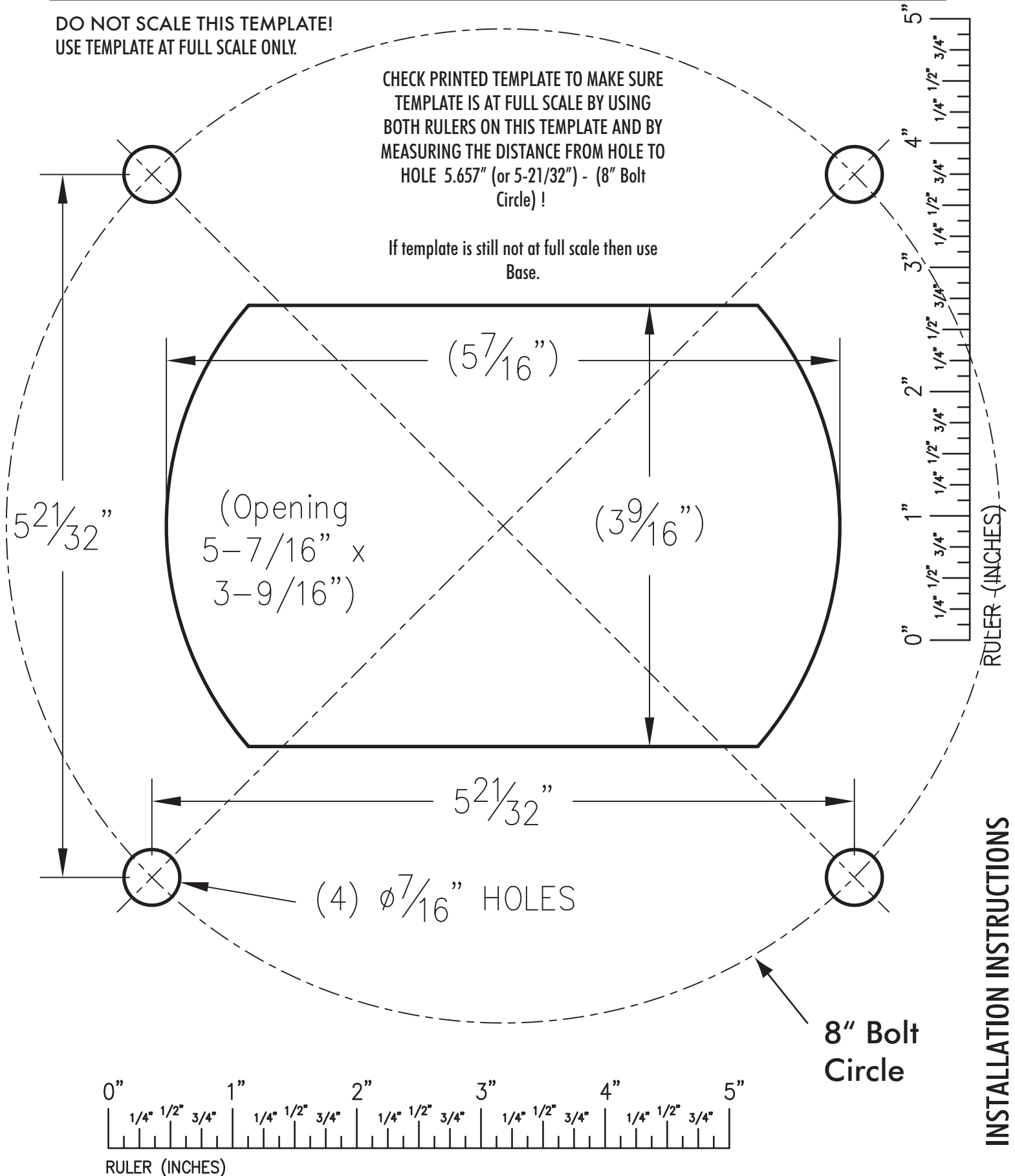
13. Secure connection using UL Listed wire nuts/connectors (by others) and with UL Listed Electrical tape (by others) appropriate for the connection. Make sure to keep electrical wiring off ground and away from water.

14. Continue with fixture installation note 6 above.

**DO NOT SCALE THIS TEMPLATE!**  
**USE TEMPLATE AT FULL SCALE ONLY.**

CHECK PRINTED TEMPLATE TO MAKE SURE  
TEMPLATE IS AT FULL SCALE BY USING  
BOTH RULERS ON THIS TEMPLATE AND BY  
MEASURING THE DISTANCE FROM HOLE TO  
HOLE 5.657" (or 5-21/32") - (8" Bolt  
Circle) !

If template is still not at full scale then use  
Base.



**INSTALLATION INSTRUCTIONS**