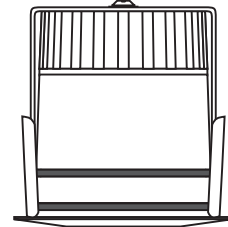# Installation Instructions for **Sun 3 Ceiling LED (Ceiling or Wall)**
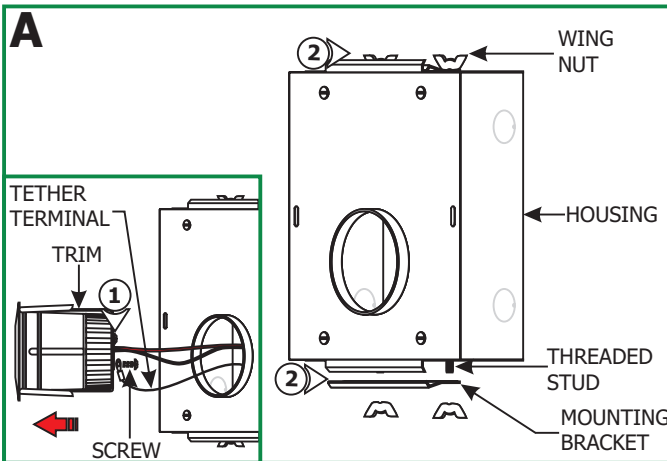
IMPORTANT INFORMATION
- This product is ETL listed for indoor dry locations.
- This fixture is for wall and ceiling mount only.
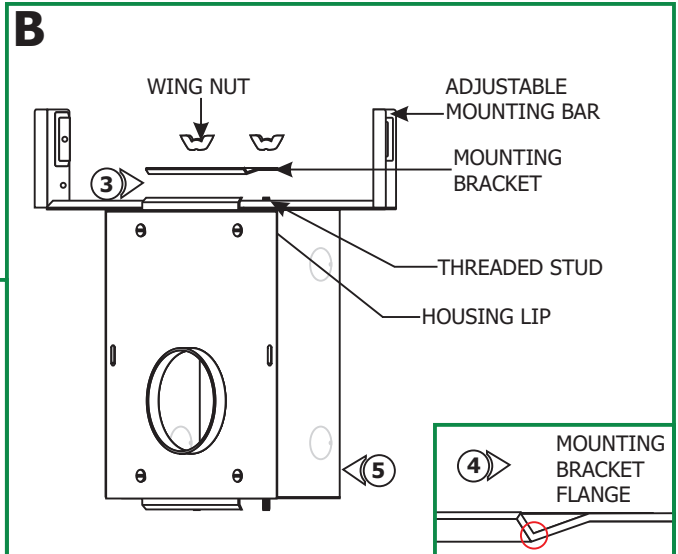
SAVE THESE INSTRUCTIONS!

Install the Sun3 Ceiling Housing

A

WING NUT
TETHER TERMINAL
TRIM
HOUSING
THREADED STUD
MOUNTING BRACKET
SCREW

1: Carefully pull the trim out of the housing, and remove the Phillips screw on the tether terminal (safety cable) to release the trim.

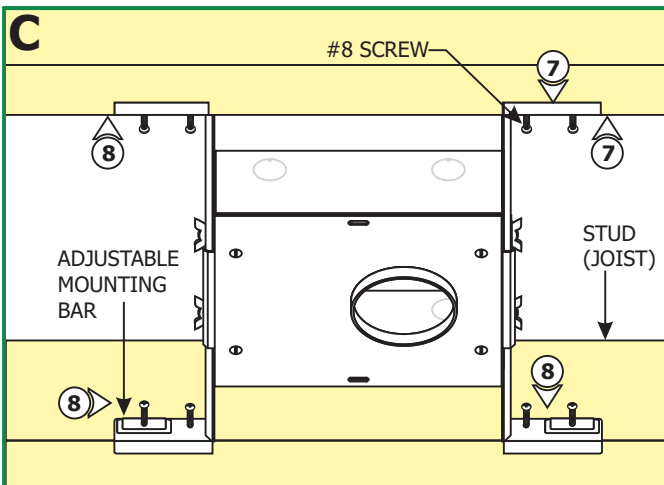**2:** Loosen the two top and bottom wing nuts on the housing to remove the two mounting brackets.

B

WING NUT
ADJUSTABLE MOUNTING BAR
MOUNTING BRACKET
THREADED STUD
HOUSING LIP
MOUNTING BRACKET FLANGE

3: Mount one adjustable mounting bar to the top of the housing by sliding it completely under the housing lip.

4: Replace the mounting bracket onto the threaded studs so that the flange faces the adjustable mounting bar. Tighten the wing nuts to secure the adjustable mounting bar in place.

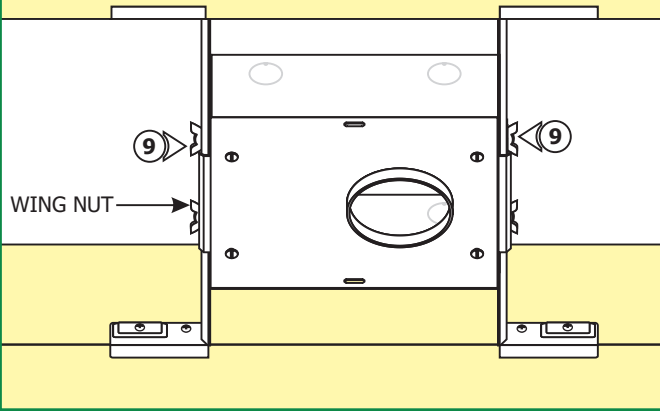**5:** Repeat steps 2 through 4 for the bottom of the housing.

C

#8 SCREW
ADJUSTABLE MOUNTING BAR
STUD (JOIST)

NOTE: The adjustable mounting bars mount to joists (studs) that are spaced 16" to 24" apart.

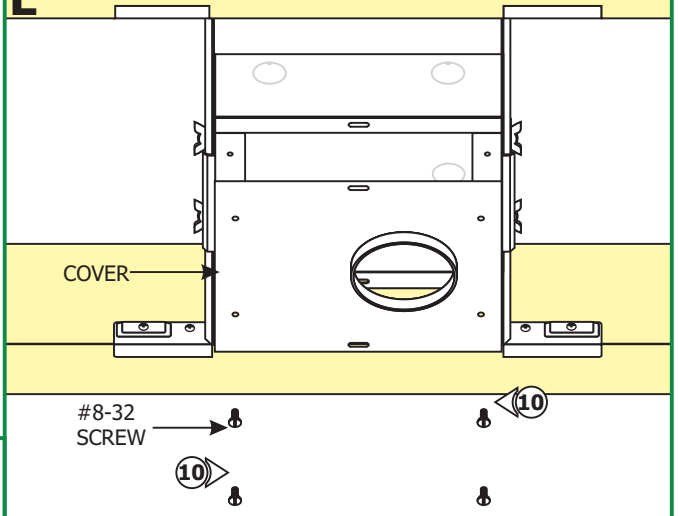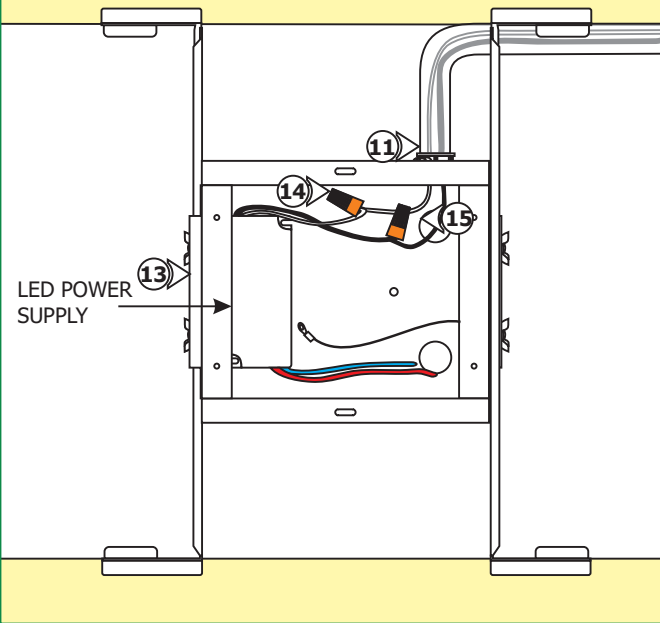**6:** Select the location between the two studs (joist) for the housing to be mounted.

7: Place the adjustable mounting bars between the studs (joist).

8: Make sure the lips on the adjustable mounting bars are against the studs (joist). Secure the adjustable bars to the studs (joist) with the provided eight #8 screws.

1

D

WING NUT

9: Slide the housing to desired position. If necessary loosen the wing nuts to ease the sliding. After the desired position is achieved tighten all the wing nuts.

E

COVER

#8-32 SCREW

10: Loosen the four #8-32 screws on the front of the housing, to remove the cover.

F

LED POWER SUPPLY

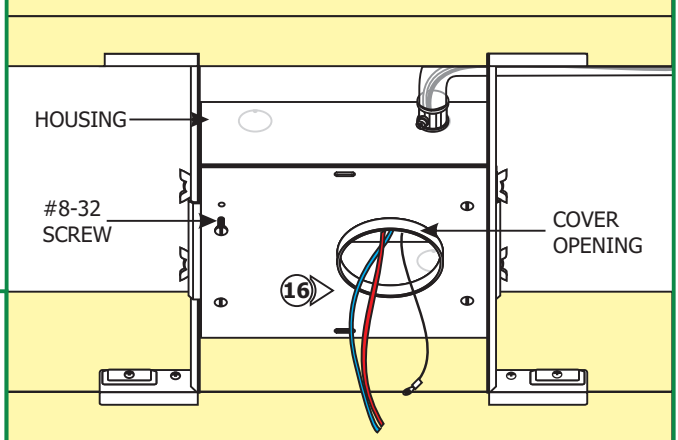**11:** Remove a knock out to install the power line conduit.

12: Install the conduit and run the power line wires to the housing.

13: Make sure that the housing is grounded in accordance with local electrical codes.

14: Connect the white LED power supply wire to the neutral power line wire with a wire nut.
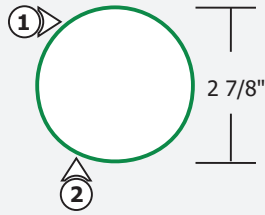
15: Connect the black LED power supply wire to the hot power line wire with a wire nut.

G

HOUSING

#8-32 SCREW

COVER OPENING

16: Feed the black & red output wires from the LED driver along with the tether through the cover hole. Mount the cover to the housing with the four #8-32 screws. **The hole should be over the tether and the solid side will cover the LED driver.**
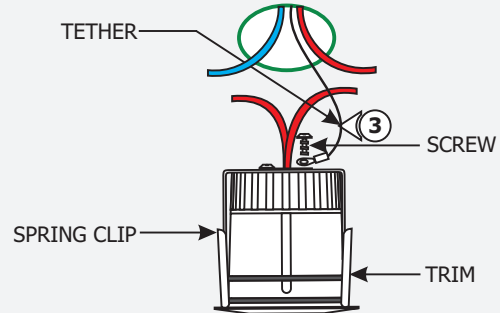
2

Install Drywall, Trim & Lamp

H

1: Mark a point on the drywall where the housing opening is going to be located.

2: Cut out the marked drywall location with a 2-7/8"metal hole saw bit (refer to www.greenlee.com cat# 825-2-7/8).

I

TETHER

SCREW

SPRING CLIP

TRIM

3: After installing drywall and finishing it, align the tether terminal to the trim tab and secure it by replacing the Phillips screw.
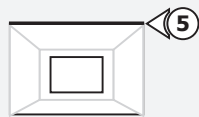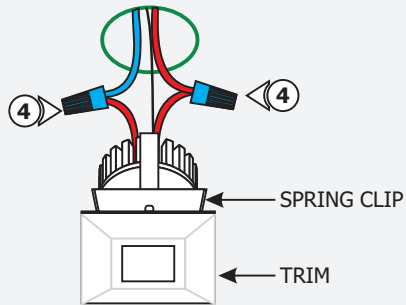
J

SPRING CLIP

TRIM

4: Connect each trim wire (either one) to one power wire in the electrical box with a wire nut.

5: Place all wires inside the housing and gently push the trim completely into the housing opening by squeezing the spring clips.

NOTE: Each fixture contains an integrated LED lamp. Each Sun 3 consumes 10 watts.

Overall Wiring Diagram

120V HOT (BLACK)

120V NEUTRAL (WHITE)

15W POWER SUPPLY

700mA

SUN 3