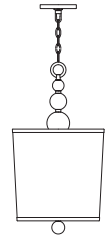
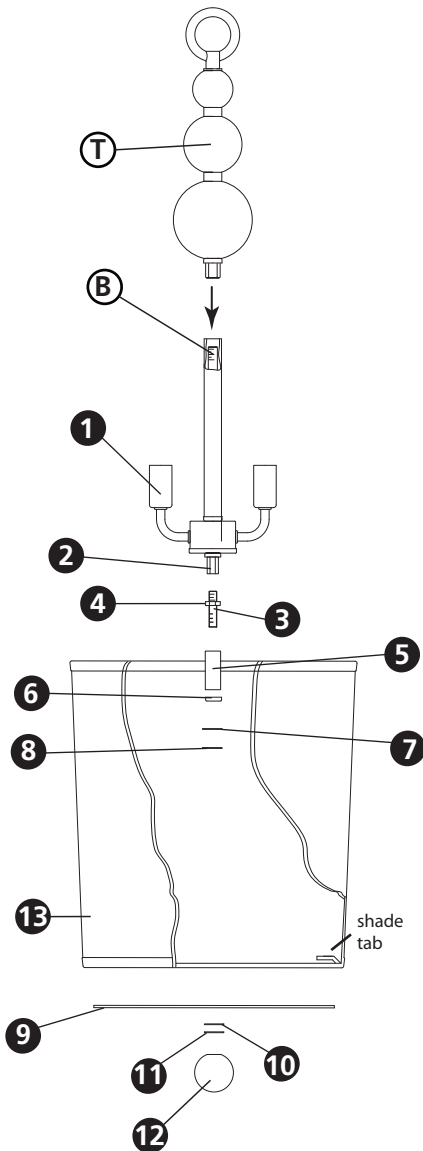


item No. 3449

▼ start here



**Drawing 1 - Fixture Assembly**



**1**

1. Find a clear area in which you can work.
2. Unpack fixture and glass from carton.
3. Carefully review instructions prior to assembly.

**\*\*\* The construction of this fixture will be accomplished by first assembling the main body of the fixture, installing the mounting bracket, making all necessary wiring connections, mounting the fixture to the ceiling, and then installing the glass.**

**2**

1. To assemble main body of fixture, first slip top column (T) along supply wire and thread into top center column (B).
2. Next thread hex nut (4) onto end of center stem (3) approximately 3/8" - see Drawing 1.
3. Thread the center stem (3) into coupler (2), located at the bottom of cluster assembly (1), approximately 3/8".
4. Tighten hex nut (4) against coupler (2) to secure center stem (3).
5. Slip tube (5) over center stem (3) followed by cap (6) and hold in position.
6. Slip steel washer (7) followed by rubber washer (8) onto end of center stem (3). Note: friction from rubber washer should hold parts in position.
7. Fixture can now be installed. After installation return to these instructions for glass and shade installation.

**3**

Please refer to the hanging instruction sheet (I.S. 19) provided to hang this fixture. Then refer back to this sheet to install the glass.

**SAFETY WARNING: READ WIRING AND GROUNDING INSTRUCTIONS (I.S. 18) AND ANY ADDITIONAL DIRECTIONS. TURN POWER SUPPLY OFF DURING INSTALLATION. IF NEW WIRING IS REQUIRED, CONSULT A QUALIFIED ELECTRICIAN OR LOCAL AUTHORITIES FOR CODE REQUIREMENTS.**

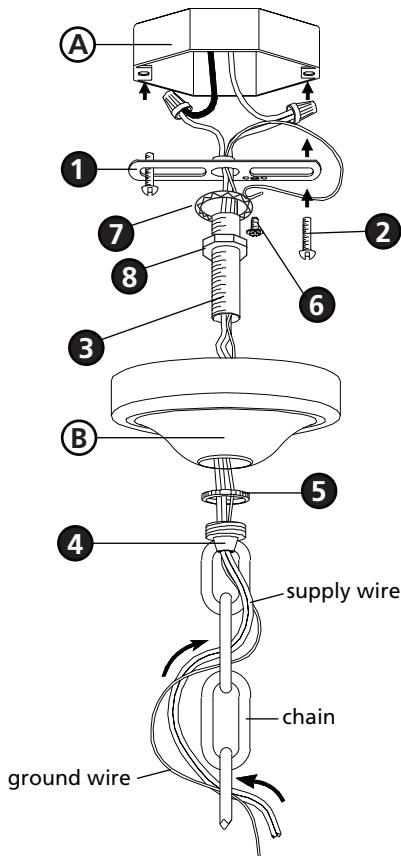
**4**

Make electrical connections from supply wire to fixture lead wires. Refer to instruction sheet (I.S. 18) and follow all instructions to make all necessary wiring connections.

**5**

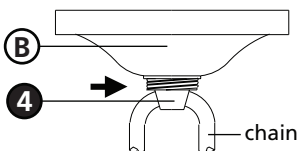
1. After fixture body is installed, slip glass (9) onto center stem (3) and hold in position - see **Drawing-1**.
2. Slip rubber washer (10) and thread on ring nut (11) onto center stem (3) to secure glass.
3. Thread thread decorative ball (12) onto center stem (3) and tighten.
4. Slip shade (13) over glass and set tabs inside shade onto top of glass. Center shade on glass.

**Drawing 1 - Fixture Assembly**



**Drawing 2 - Loop (4) Detail**

Half of thread area of loop (4) is to be exposed. This will allow collar (5) to be threaded on later.



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**1**

1. Shut off electrical current before starting. If the fixture you are replacing is turned on and off by a wall switch, simply turn the switch off. If not, remove the appropriate fuse (or open the circuit breakers) until the fixture is dead.

- DO NOT restore current - either by fuse, breaker or switch - until the new fixture is completely wired and in place.

**2**

1. Fasten mounting strap (1) to outlet box (A) with the original outlet box screws (2) - see **Drawing 1**.

2. Slip lockwasher (7) over threaded tube (3) and thread hex nut (8) onto tube (3).

3. Hex nut (8) can be tightened against mounting strap (1) after adjusting threaded stem (C) to proper mounting length.

4. Thread loop (4) on to end of threaded tube (3).

5. Slip canopy (B) over loop (4) and adjust height of loop so half of thread area is exposed.

**3**

1. Taking the chain, determine the length you require to hang the fixture.

2. Attach one end of the chain to the top loop of the fixture - see **Drawing 2**.

3. Now slip loop collar (5) and canopy (B) onto chain.

4. Attach other end of chain to loop (4). Get assistance for this step since fixture may be heavy and difficult to hold while attaching the chain.

**4**

1. Unwrap supply wire and ground wire and weave them up through the chain.

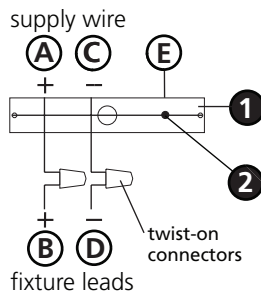
2. Slip supply wire and ground wire through center of loop (4).

3. Connect ground wire to mounting strap (1) using green ground screw (6).

4. Make electrical connections from supply wire to fixture lead wires. Refer to instruction sheet (I.S. 18) and follow all instructions to make all necessary wiring connections.

5. Slip canopy up firmly against the ceiling and secure by turning the threaded collar (5) on loop (4) until tight.

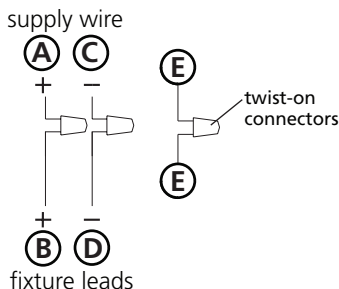
**Drawing 1 - Flush Mount**



**Drawing 2 - Chain Hung**



**Drawing 3 - Post-Mount**



**SAFETY WARNING: READ WIRING AND GROUNDING INSTRUCTIONS (I.S. 18) AND ANY ADDITIONAL DIRECTIONS. TURN POWER SUPPLY OFF DURING INSTALLATION. IF NEW WIRING IS REQUIRED, CONSULT A QUALIFIED ELECTRICIAN OR LOCAL AUTHORITIES FOR CODE REQUIREMENTS.**

## wiring instructions

### Indoor Fixtures

1. Connect positive supply wire **(A)** (typically black or the smooth, unmarked side of the two-conductor cord) to positive fixture lead **(B)** with appropriately sized twist on connector - see **Drawings 1 or 2**.
2. Connect negative supply wire **(C)** (typically white or the ribbed, marked side of the two-conductor cord) to negative fixture lead **(D)**.
3. Please refer to the **grounding instructions** below to complete all electrical connections.

### Outdoor Fixtures

1. Connect positive supply wire **(A)** (typically black or the smooth unmarked side of the two-conductor cord) to positive fixture lead **(B)** with appropriately sized twist on connector - see **Drawings 2 or 3**.
2. Connect negative supply wire **(C)** (typically white or the ribbed, marked side of the two-conductor cord) to negative fixture lead **(D)**.
3. Cover open end of connectors with silicone sealant to form a watertight seal.
  - If installing a wall mount fixture, use caulk to seal gaps between the fixture mounting plate (backplate) and the wall. This will help prevent water from entering the outlet box. If the wall surface is lap siding, use caulk and a fixture mounting platform specially.
4. Please refer to the **grounding instructions** below to complete all electrical connections.

## grounding instructions

### Flush Mount Fixtures

For positive grounding in a 3-wire electrical system, fasten the fixture ground wire **(E)** (typically copper or green plastic coated) to the fixture mounting strap **(1)** with the ground screw **(2)** - see **Drawing 1**.

Note: On straps for screw supported fixtures, first install the two mounting screws in strap. Any remaining tapped hole may be used for the ground screw.

### Chain Hung Fixtures

Loop fixture ground wire **(E)** (typically copper or green plastic coated) under the head of the ground screw **(2)** on fixture mounting strap **(1)** and connect to the loose end of the fixture ground wire directly to the ground wire of the building system with appropriately sized twist-on connectors - see **Drawing 2**.

### Post-Mount Fixtures

Connect fixture ground wire **(E)** (typically copper or green plastic coated) to power supply ground with appropriately sized twist-on connector inside post. Cover open end of connector with silicone sealant to form a watertight seal - see **Drawing 3**.