



Assembly Instruction for 40590L

The 4058 fixture is completely wired when removed from the carton. To assembly and install this fixture please follow the instructions below.

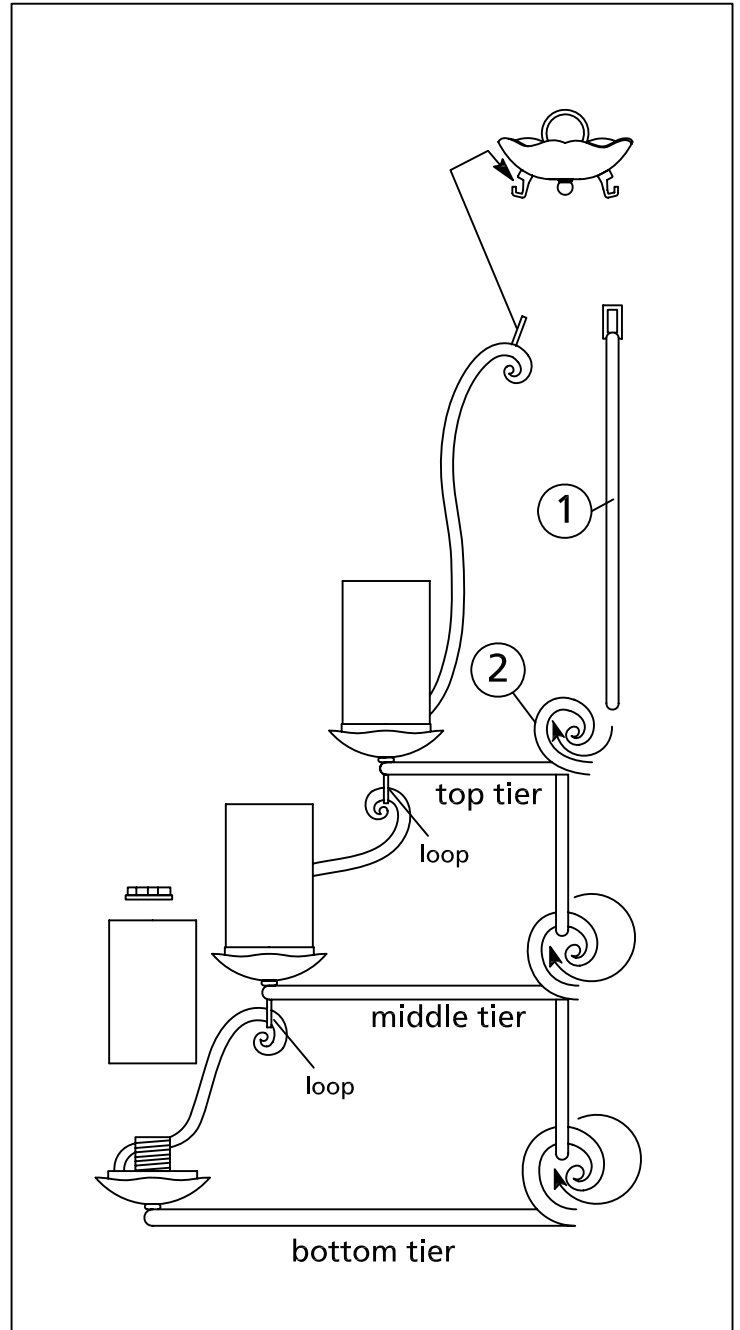
Use drawing 1 for reference.

1. Lay out the fixture on the floor. Now attach the scrolls that join the bottom tier with the middle tier . The scrolls should be installed by the method that is discribed in Scroll Installation below. (See Sketch 1 below). Repeat this to attach middle tier to top tier.

2. Next Attach the upright scrolls (1) to the top tier loops. These can be slipped under the scrolls on the rings (2). If you feel it necessary twine can be tied around the ring scroll (2) and the scrolls that are used to span the tiers. This will temperary hold the fixture together. The twine can be cut after installation.

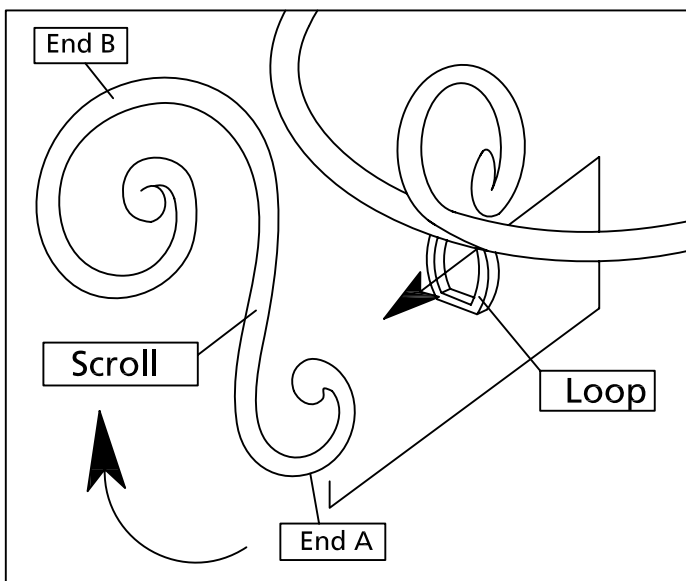
The fixture is ready for mounting. Please follow all mounting instructions on the back of the sheet.

Glass can be attached after mounting. To install glass remove socket ring (A) from socket (B). Slip glass (C) over socket (B) and thread socket ring (A) back on to secure glass. Fixture can now be lamped. Please note maximum allowable wattage per bulb is 40 watts.



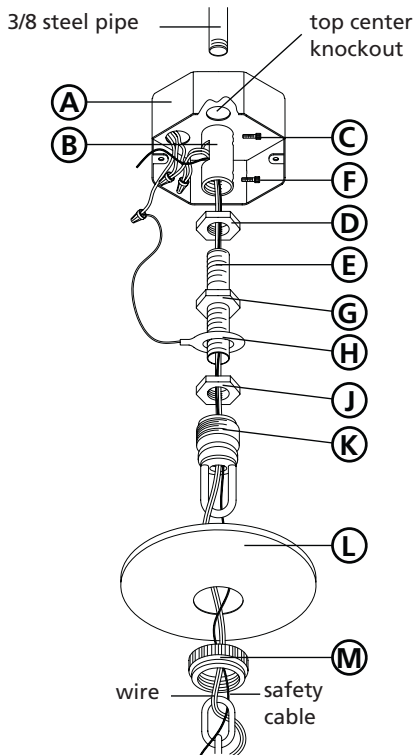
Scroll Installation:

Attaching the Scrolls that are used to span the tiers can easily be installed by flipping the end that attaches to the lower ring (B), up. Now slip top of the scroll (A) throught loop (C). Rotate end (B) of the scroll down to egage the top of the scroll (A) into loop (C).



Hanging instructions for fixtures that weight more than 50lbs

Drawing 1 - Fixture Assembly



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. Supply wires shall enter the outlet box (A) through any knockout EXCEPT the top center knockout - see **Drawing 1**.

2

1. Fixture is to be mounted by a 3/8 steel pipe with 3/8 -18 NPSM thread, 3/4" threads at both ends (not supplied). Pipe should be anchored to structure or bridging member with sufficient strength to support 4 times the fixtures weight - see **Drawing 2**.

2. Adjust pipe so 1/2" of 3/8 steel pipe extends into the junction box, at the center knock out.

3. Please refer to the back of this sheet to the **safety cable installation** instructions and **ONLY** complete steps 1 and 2 at this time.

3

1. Thread pipe coupler (B) onto protruding pipe inside outlet box. Secure in place by tightening allen head screw (C).

2. Thread hexnut (D) onto threaded nipple (E). Thread nipple (E) into coupler (B). Secure in place by tightening hexnut (D) against coupler (B) and then tightening allen screw (F).

3. Thread hexnut (G) onto nipple (E). Slip ground wire loop (H) over nipple (E) and thread hexnut (J) onto nipple (E). **DO NOT** tighten hexnuts (F) and (H) at this time.

4. Thread screw collar loop (K). Adjust loop height so the half of the exterior thread on screw collar loop (K) is exposed when canopy (L) is held up to the ceiling.

4

1. Determine length of chain you will require. Attach one end of length of chain to fixture.

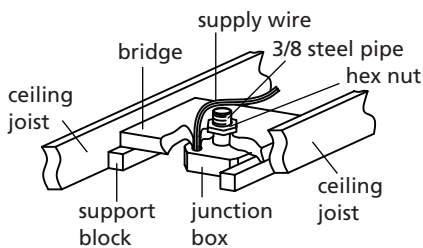
2. Slip threaded ring (M) and canopy (L) onto chain.

3. Attach fixture with chain to screw collar loop (K). Please get assistance, weight and size of fixture is difficult to manage alone.

4. Weave ground wire, supply wire, and safety cable through chain, up through center of screw collar loop (K), through center of nipple (E), and out the opening on the side of coupler (B).

5. Please refer back to safety cable installation instructions on the back of this sheet and complete steps 3 and 4.

Drawing 2 - Installation Example



safety cable installation

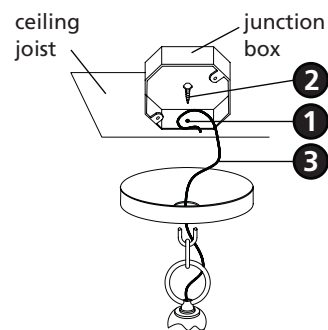
WARNING: TO AVOID ELECTRICAL SHOCK, THIS SECTION OF THE INSTRUCTION SHEET IS FOR THE SOLE PURPOSE OF SAFETY CABLE INSTALLATION, AND IS NOT TO BE USED TO MAKE ANY ELECTRICAL CONNECTIONS.

- The safety cable must be attached to a ceiling joist or other permanent structure independent of the junction box
1. Using a 1/8" dia., drill a pilot hole **(1)**. It must be drilled into the permanent structure or through the junction box on joist side where the safety cable is to be attached - see **Drawing 3**.
 2. Insert and thread a 1/4" hex head lag screw **(2)** (not included) into pilot hole.
 3. Continue back to step 6 above to continue installation of this fixture.
 4. Wrap safety cable **(3)** around hex head lag screw **(2)** and tighten to secure cable - see **Drawing 3**.

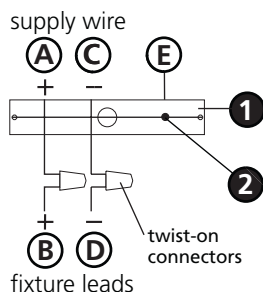
SAFETY WARNING: READ WIRING AND GROUNDING INSTRUCTIONS (I.S. 18) AND ANY ADDITIONAL DIRECTIONS. TURN POWER SUPPLY OFF DURING INSTALLATION. IF NEW WIRING IS REQUIRED, CONSULT A QUALIFIED ELECTRICIAN OR LOCAL AUTHORITIES FOR CODE REQUIREMENTS.

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.

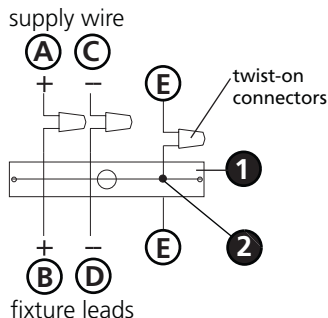
Drawing 3 - Safety Cable Installation



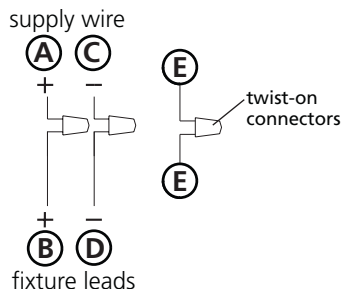
Drawing 1 - Flush Mount



Drawing 2 - Chain Hung



Drawing 3 - Post-Mount



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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**.