

# BARCELONA



Bulbs: 60W CAND.

FR44110

## ASSEMBLY INSTRUCTIONS

Assembly of this fixture will be accomplished by first installing the mounting strap to the junction box, making all necessary electrical connections, mounting the fixture to the wall and then hanging the fixture crystals.

**SAFETY WARNING:** Read wiring and grounding instructions [FRIS 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.

### STEP 1

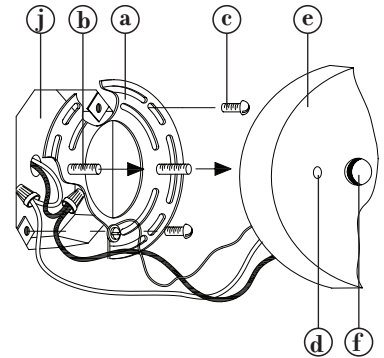
- 1 Prepare mounting strap (a) by threading mounting screws (b) into the back of the mounting strap (a), making sure the holes into which the screws are threaded match the spacing of holes (d) in the backplate (e) - See Drawing 1.
- 2 Attach mounting strap (a) to junction box (j) using two longest mounting screws (c).
- 3 Make electrical connections from supply wire to fixture lead wires. Refer to instruction sheet [FRIS18] and follow all instructions to make all necessary wiring connections. Then refer back to this sheet to continue installation of this fixture.
- 4 To mount fixture, slip the two mounting screws (b) through the two mounting holes (d) in the backplate (e).
- 5 While holding fixture in place, thread the two ball knobs (f) on to the end of the mounting screws (b), and tighten.

### STEP 2

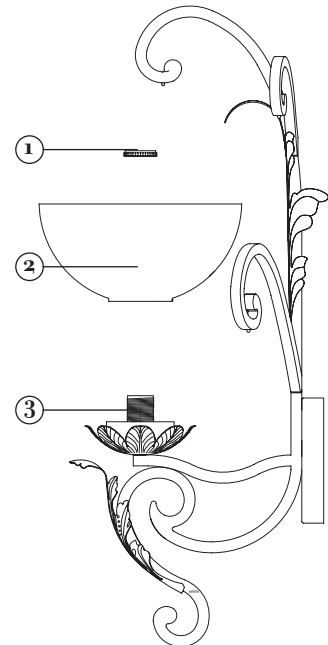
- 1 To install glass, remove socket ring (1) from socket (3) - See Drawing 2
- 2 Slip small alabaster bowl (2) over socket (3).
- 3 Thread socket ring (1) onto socket (3) to secure glass (2).

**STEP 3** Refer to Crystal Installation Sheet provided to install crystals.

[DRAWING 1]



[DRAWING 2]



FREDRICK RAMOND

ESTABLISHED 1965

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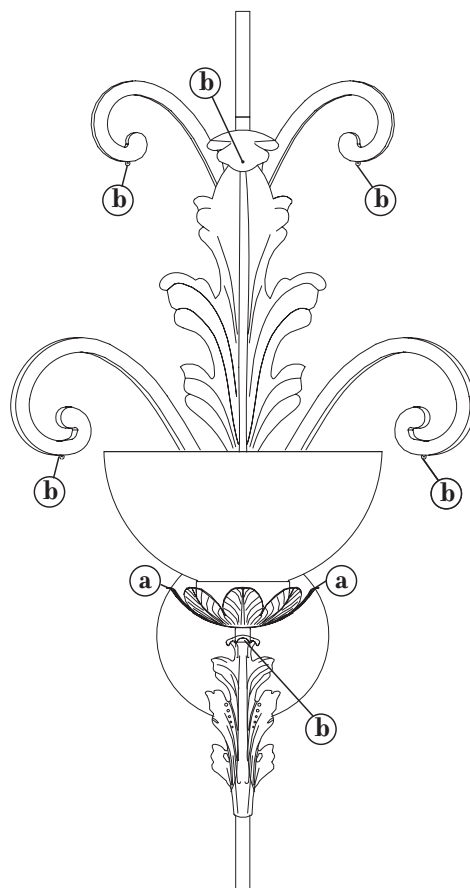
*Bulbs: 60W CAND. Replacement Parts:*

## CRYSTAL INSTALLATION INSTRUCTIONS

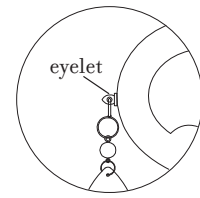
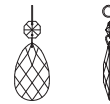
This Barcelona chandelier use 2 sizes of crystals pendalogues.

### STEP 1

- 1 Starting at the top of the fixture and working your way down, attach small pear shaped crystal (1) to eyelet (a).
- 2 Attach medium size pear shape crystal (2) to eyelet (b).
- 3 Repeat steps 1-2 for remaining arms.



crystal 1



crystal 2



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## WIRING AND GROUNDING INSTRUCTIONS

**SAFETY WARNING:**

Read wiring and grounding instructions [FRIS 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.

**STEP 1 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.

**STEP 2 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.

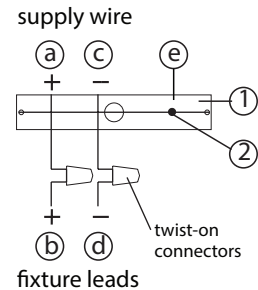
**Chain Hung Fixtures**

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.

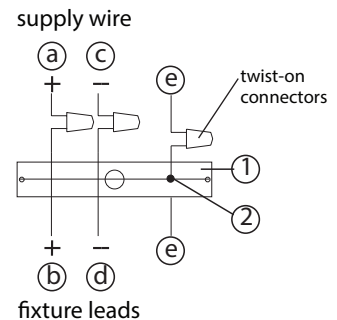
**Post-Mount Fixtures**

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.

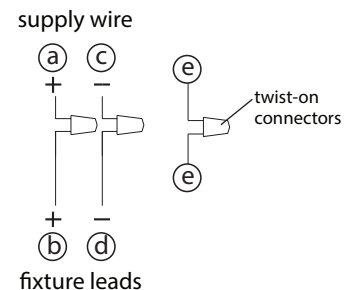
[drawing 1]



[drawing 2]



[drawing 3]



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