

NEST

FR416130RB/SLF

Bulbs: 3-100W MED Replacement Parts: GLASS: R41613GL



ASSEMBLY INSTRUCTIONS

Assembly of this fixture will be accomplished by first assembling the main body, installing the mounting hardware to the junction box, making all necessary electrical connections, hanging the fixture from the ceiling and then installing the fixture glass.

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

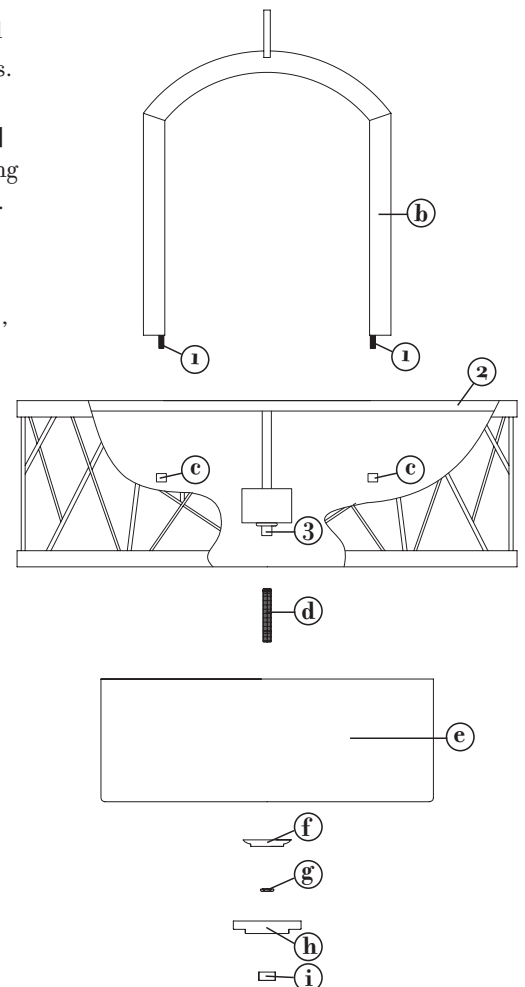
- 1 Slide yoke (b) along wire and slip studs (1) through holes in top of cross bar (2), making sure not to pinch any wires during the process.
- 2 Thread barrel nuts (c) onto end of studs (1) and tighten.

STEP 2 Refer to Hanging Instruction Sheet [FRIS19] to hang fixture.

STEP 3

- 1 Prior to installing glass, fixture can now be lamped accordingly.
- 2 To install glass, thread center tube (d) into coupler (3) approximately 3/8".
- 3 Slip glass (e) onto center tubing (d) and hold in position.
- 4 Slip cap (f) onto center tubing (d) and hold in position.
- 5 Thread hex nut (g) onto center tube (d) and tighten to secure glass (e).
- 6 Slip bottom cap (h) onto center tube (d) and hold in position.
- 7 Thread barrel cap (i) onto end of center tube (d) and tighten to secure parts.

[DRAWING 1]



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ESTABLISHED 1965

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7.19.09

FRIS19

HANGING 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

- 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.

STEP 2

- 1 Fasten mounting strap (1) to outlet box (A) with the two 8-32 screws (not provide) (2) - see **Drawing 1**.
- 2 Thread 2 - hex nuts (3a) and (3b) onto threaded tubing (4).
- 3 Thread one end of threaded tubing (4) into loop (5) a minimum of 1/2" to 3/4". Tighten hexnut (3a) against loop (5) to lock loop in position.
- 4 Thread other end of threaded tube (4) into mounting strap approximately 1/2".
- 5 Slip canopy (B) over loop (5) and adjust height of loop so half of the threaded area on the loop is exposed - see **Drawing 2** below. After loop height is adjusted, tighten hex nut (3b) up against mounting strap, tighten against mounting strap to lock in position.
- 6 Remove mounting strap (1) from junction box (A), and thread third hex nut (3c) onto end of threaded tube (4), above the mounting strap (1), tighten against mounting strap to lock assembly in position.
- 7 Remount mounting strap to junction box.

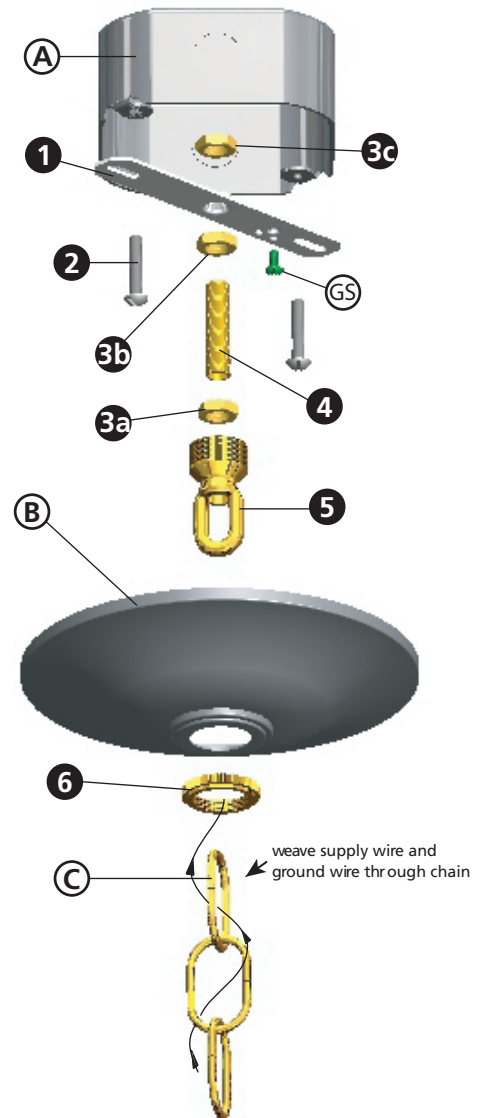
STEP 3

- 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 (6) and canopy (B) onto chain (C).
- 4 Attach other end of chain to loop (5). Get assistance for this step since fixture may be heavy and difficult to hold while attaching the chain.

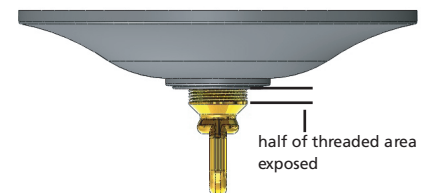
STEP 4

- 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 (5).
- 3 Connect ground wire to mounting strap (1) using green ground screw (GS).
- 4 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.
- 5 Slip canopy up firmly against the ceiling and secure by turning the threaded loop collar (6) onto loop (5) until tight.

[DRAWING 1]



[DRAWING 2]



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WIRING AND GROUNDING INSTRUCTIONS

SAFETY WARNING:

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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.

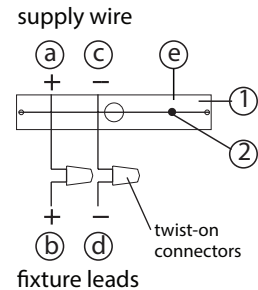
Chain Hung Fixtures

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.

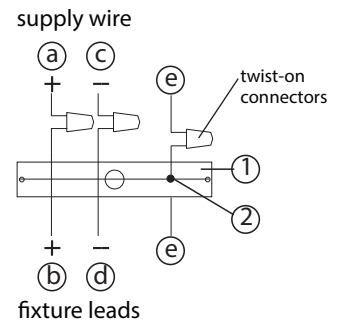
Post-Mount Fixtures

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.

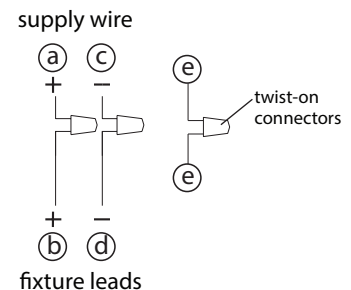
[drawing 1]



[drawing 2]



[drawing 3]



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