

# NEST

## FR41624ORB/SLF

Bulbs: 100W MED.

Replacement Parts: GLASS: R41624GL

### 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 Thread stem (b) onto threaded stud (1) atop the cluster assembly (a),
- 2 Slip assembled parts (a) and (b) along wire and thread onto swivel (2) located at the top of yoke (c) - SEE DRAWING 1.

#### STEP 2

- 1 Slip cluster and stem assembled in previous Step 1 into cage (d).
- 2 Align studs (3) on yoke (c) with holes in tab (4) of cage.
- 3 Thread barrel knobs (e) onto end of threaded stud (3) to secure cage to yoke (c) - SEE DRAWING 2.

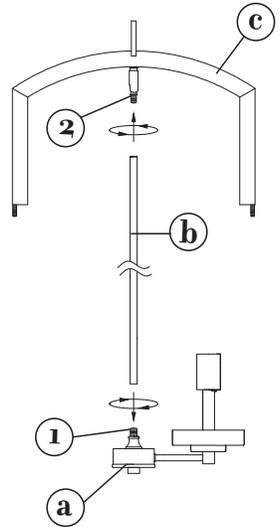
#### STEP 3

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

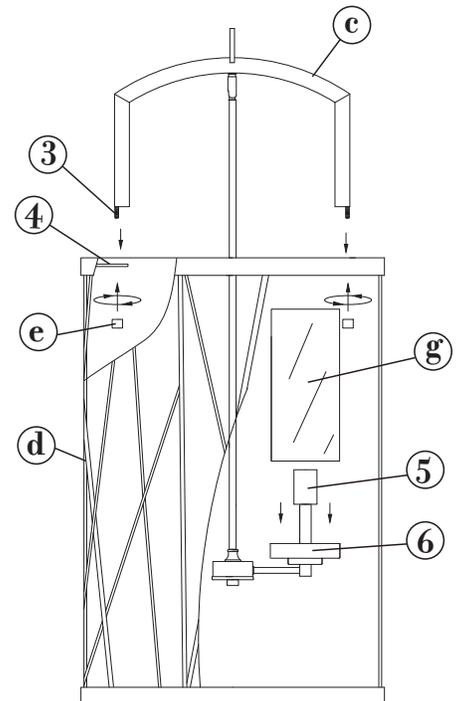
#### STEP 4

- 1 Fixture can be lamped accordingly at this time.
- 1 To install glass (g), after fixture is hanging. Slip glass through bottom of cage, slip over socket (5), bulb, and into glass holder (6) - SEE DRAWING 2.

DRAWING 1



DRAWING 2



FREDRICK RAMOND

ESTABLISHED 1965

A Division of Hinkley Lighting, Inc.  
33000 PIN OAK PARKWAY | AVON LAKE, OHIO 44012

toll free 800.446.5539 | phone 440.653.5500

01.01.12

# 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 original outlet box screws (2) - See Drawing 1.
- 2 Thread nipple (3) into mounting strap (1).
- 3 Thread loop (4) on to end of nipple (3).
- 4 Slip canopy (b) over loop (4) and adjust height of loop so half of thread area is exposed.

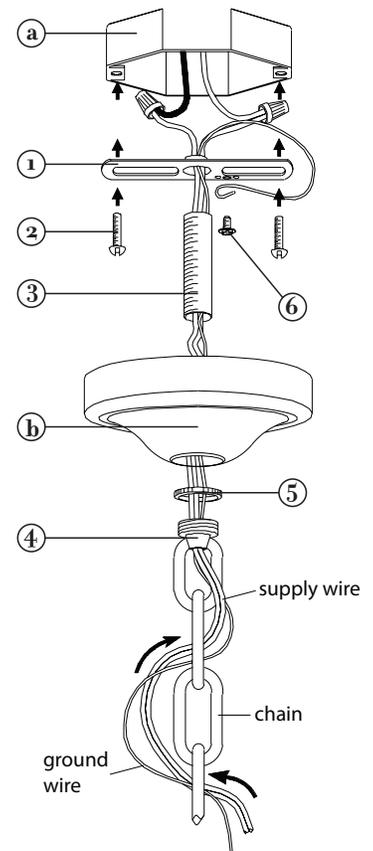
### STEP 3

- 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 (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.

### STEP 4

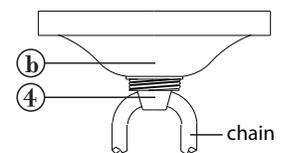
- 1 Unwrap supply wire and ground wire and weave them up through the chain.
- 2 Slip supply wire and ground wire through center of loop (4).
- 3 Connect ground wire to mounting strap (1) using green ground screw (6).
- 4 Make electrical connections from supply wire to fixture lead wires. Refer to instruction sheet [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 collar (5) on loop (4) until tight.

[DRAWING 1]



[DRAWING 2]

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



**FREDRICK RAMOND**  
ESTABLISHED 1965

A Division of Hinkley Lighting, Inc.  
33000 PIN OAK PARKWAY | AVON LAKE, OHIO 44012  
toll free 800.446.5539 | phone 440.653.5500

## 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.

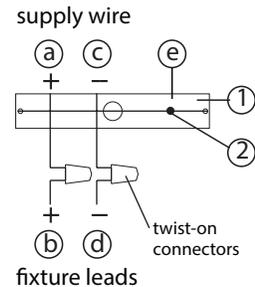
#### Chain Hung Fixtures

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.

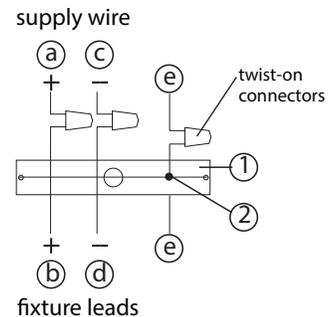
#### Post-Mount Fixtures

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.

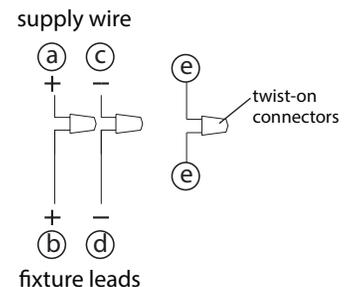
[drawing 1]



[drawing 2]



[drawing 3]



**FREDRICK RAMOND**  
ESTABLISHED 1965

A Division of Hinkley Lighting, Inc.  
33000 PIN OAK PARKWAY | AVON LAKE, OHIO 44012  
toll free 800.446.5539 | phone 440.653.5500