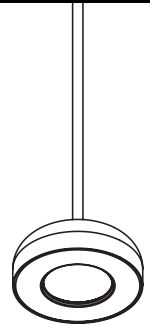


# Installation Instructions - Shaper-1 400-Rigid Stem Installation Instructions - Shaper-1 400-Rigid Stem Installation Instructions - Shaper-1 400-Rigid Stem



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**⚠ WARNING**

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**Make Certain Power is OFF before starting installation or attempting any maintenance.**

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**⚠ WARNING**

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**Risk of Fire/Electric Shock. If not qualified, consult an electrician.**

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**⚠ WARNING**

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**Risk of Electric Shock – Disconnect power at fuse or circuit breaker before installing or servicing.**

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**⚠ WARNING**

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**Risk of Personal Injury – Fixture may become damaged and/or unstable if not installed properly.**

- **Do not mount luminaire within 6" of a combustible surface.**
- **Do not handle luminaire by the glass. Do not touch LEDs.**

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**⚠ WARNING**

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**Risk of Burn – Disconnect power and allow fixture to cool before servicing.**

**Note:** These instructions do not claim to cover all details or variations in the equipment, procedure, or process described, nor to provide directions for meeting every possible contingency during installation, operation or maintenance. When additional information is desired to satisfy a problem not covered sufficiently for user's purpose, please contact your nearest representative.

**Note:** This lighting fixture has been shipped complete with one of several mounting options. Please follow the installation instructions specific to the catalog part that you ordered.

**Note:** Care must be taken not to set lighting fixture down on optical lenses or lift the fixture in the lens area.

**Note:** Specifications and dimensions subject to change without notice.

**Note:** Supply secure surface to support weight of fixture. See chart for corresponding weights.

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**IMPORTANT:** Read carefully before installing fixture. Retain for future reference.

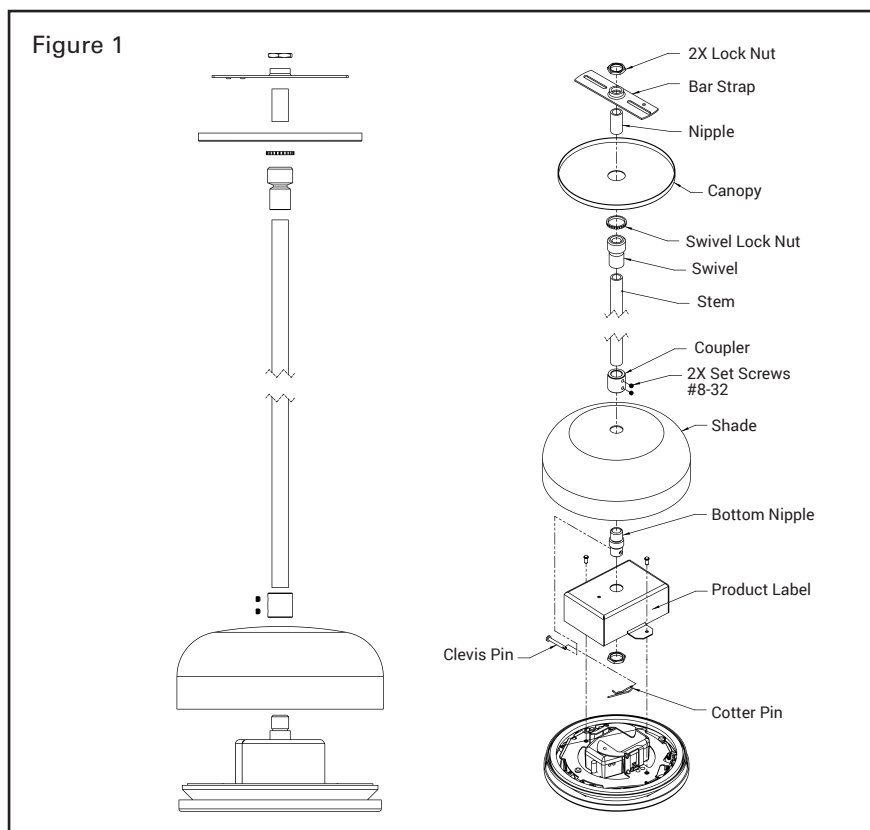
**GENERAL:** Upon receipt of the fixture, thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the housing to assure you have received the correct material.

**SAFETY:** This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances. Proper grounding is required to insure personal safety. Carefully observe grounding procedure under installation section.

**APPLICATIONS:** This lighting fixture is designed for outdoor lighting services, and should not be used in area of limited ventilation or inside high ambient temperature enclosures. It must be stored in a dry location prior to installation. Do not expose lighting fixture to rain, dust or other environmental conditions prior to installation and insertion of photo control or shorting cap (if so equipped). Do not install the fixture near combustible materials or locate next to airflow blocking surfaces within 6 inches. Best results will be obtained if installed and maintained according to the following recommendations.

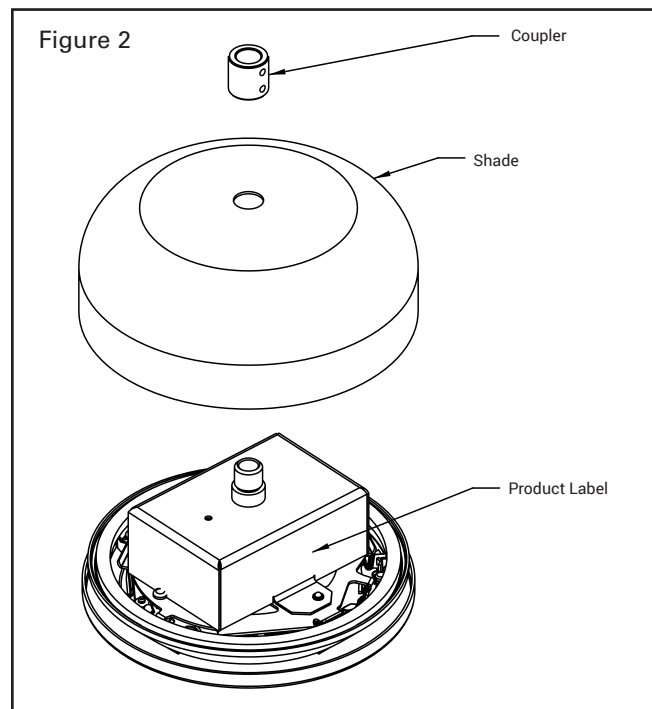
## INSTRUCTIONS:

1. Make sure power is Off.
2. Remove **Shade** and inspect **Product Label**. (Fig. 2)
3. Secure **Shade** with **Coupler**. (Fig. 3)
4. Guide wires through **Stem** and secure **Stem** to **Coupler**. (Fig. 4)
5. Secure Stem and Coupler with 2X #8-32 Set screws. (Fig. 4)
6. Secure Driver cover and Bottom Nipple with Lock Nut. (Fig. 5)
7. Add Clevis pin to Bottom Nipple. (Fig. 5)
8. Secure Clevis pin with Cotter pin. (Fig. 5)
9. Thread in **Bar Strap** and **Lock Nut** to the **Nipple**. (Fig. 6A). Mount the **Bar Strap** assembly to J-box (not provided) with screw provided. (Fig. 6B)
10. Position **Lock Nut** and **Canopy** as shown then secure **Swivel** to **Stem**. (Fig. 7)
11. Secure **Bar Strap** to **Swivel**. (Fig. 8).
12. Mount swivel support to flush mounted junction box (supplied by others) using the provided hardware.
- \* Loop tether through the mounting bracket and feed straight end of tether up through the stem/pendant though the swivel support.
- \* Secure tether to junction box or structure of building with provided tether lock. (Fig. 9)
13. Using U.L. approved wire connectors: connect the neutral (white) wire to the supply neutral, connect the luminaire line wire (black) to the supply line wire, connect the ground (green) wire to the supply ground.
14. Turn power on to test installation.
15. Raise **Canopy** flush to ceiling and secure with **Lock Nut**. (Fig. 10)
- \* Make sure to only provide minimum slack in tether when fixture is installed.

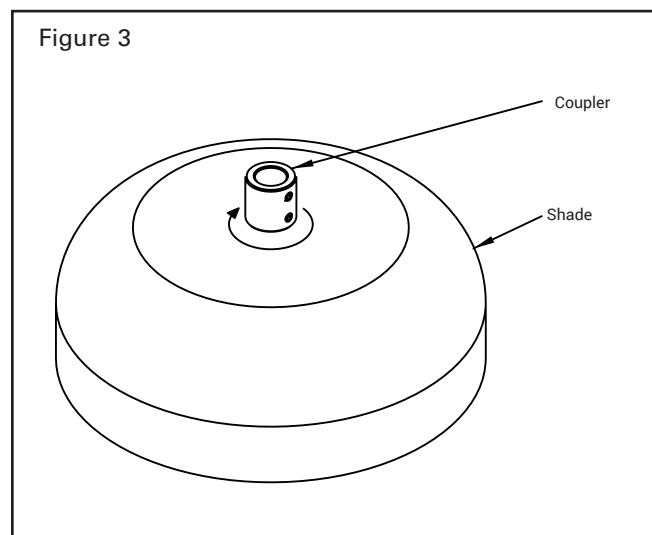


## INSTRUCTIONS:

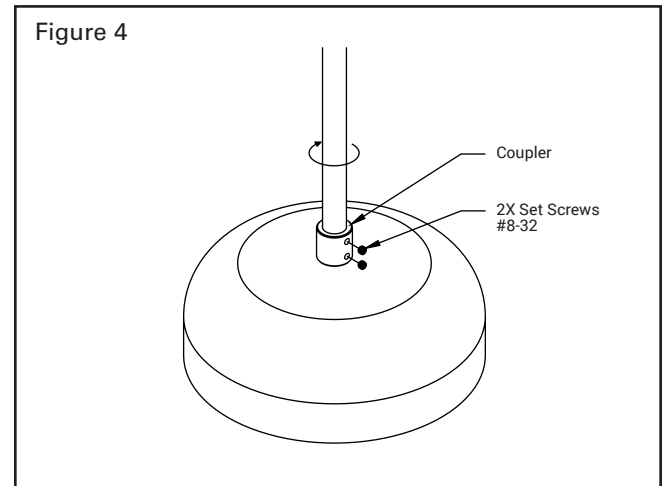
1. Make sure power is Off.
2. Remove **Shade** and inspect **Product Label**. (Fig



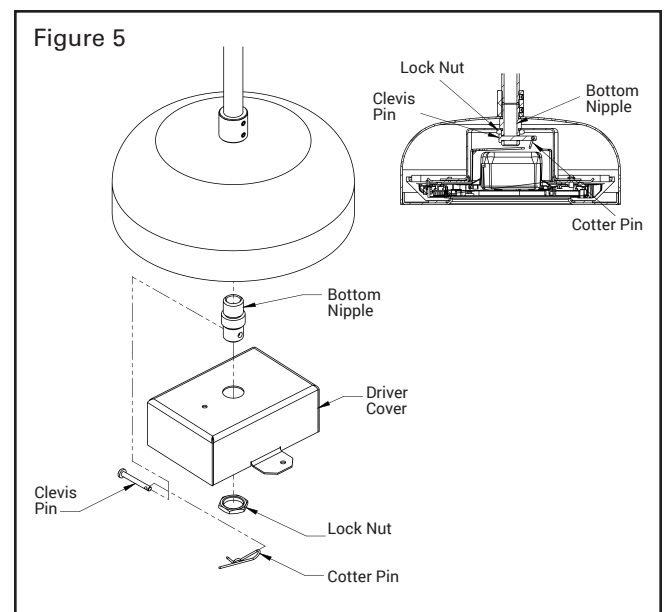
3. Secure **Shade** with **Coupler** on to **Fixture**. (Fig. 3)



4. Guide wires through **Stem** and secure **Stem** to **Coupler**. (Fig. 4)
5. Secure Stem and Coupler with **2X #8-32 Set screws** (Fig. 4)



6. Secure **Driver cover** and **Bottom Nipple** with **Lock Nut** (Fig. 5)
7. Add **Clevis** pin to **Bottom Nipple** (Fig. 5)
8. Secure **Clevis** pin with **Cotter pin** (Fig. 5)



## Installation Instructions - Shaper-1400-Rigid Stem

9. Thread in **Bar Strap** and **Lock Nut** to the **Nipple**. (Fig. 6A). Mount the **Bar Strap** assembly to J-box (not provided) with screws provided. (Fig. 6B)

Figure 6A

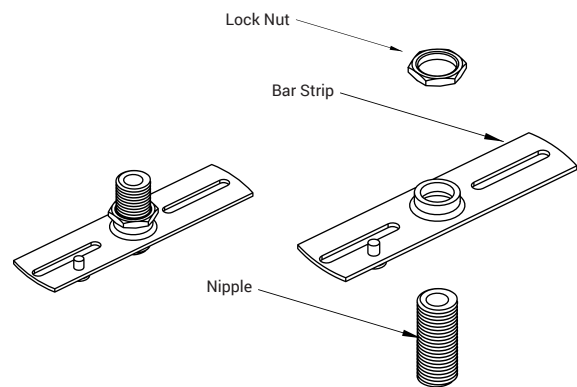
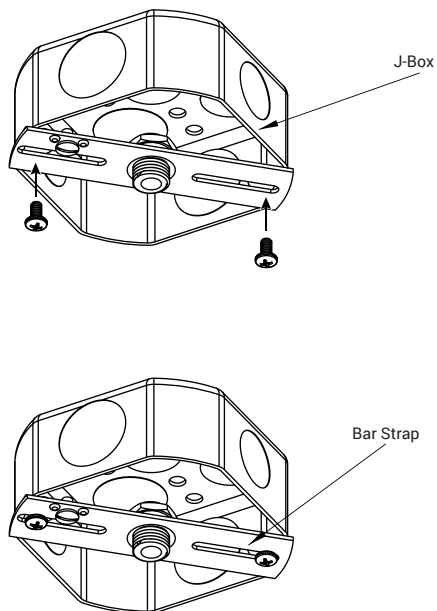
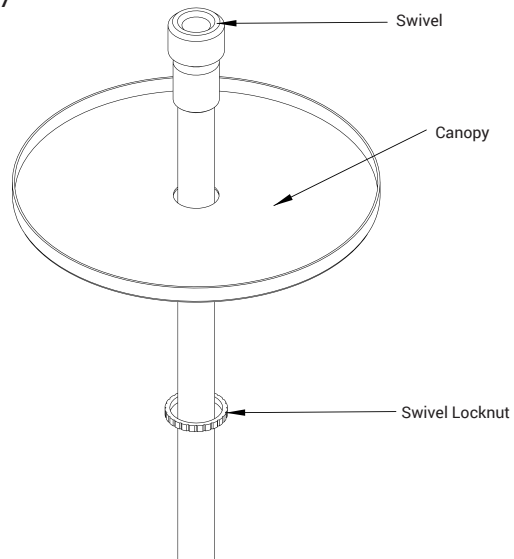


Figure 6B



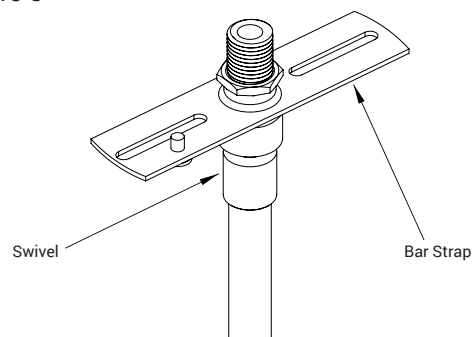
10. Position **Swivel Lock Nut** and **Canopy** as shown, then secure **Swivel** to **Stem**. (Fig. 7)

Figure 7



11. Secure **Bar Strap** to **Swivel**. (Fig. 8)

Figure 8



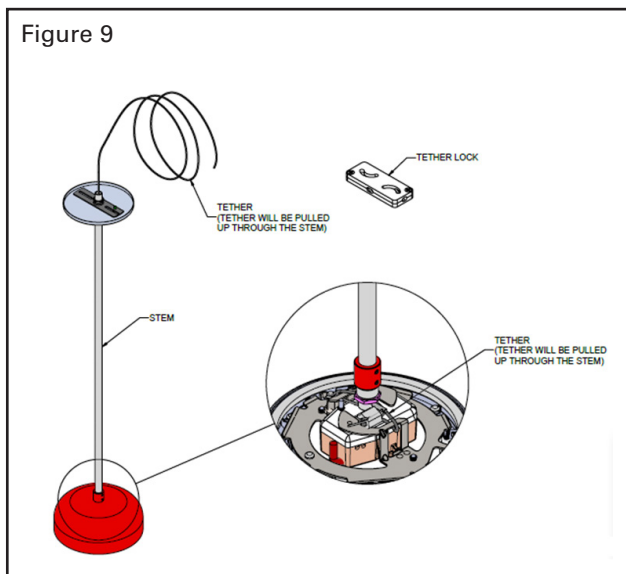
## Installation Instructions - Shaper-1400-Rigid Stem

12. Mount swivel support to flush mounted junction box (supplied by others) using the provided hardware.

\* Loop tether through the mounting bracket and feed straight end of tether up through the stem/pendant through the swivel support.

\* Secure tether to junction box or structure of building with provided tether lock. (Fig. 9)

Figure 9

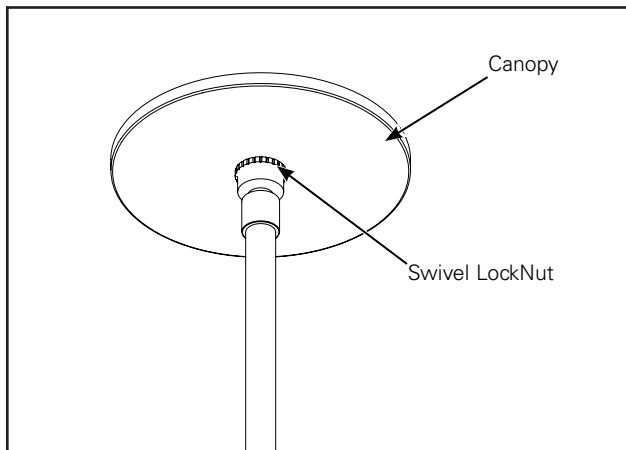


13. Using U.L. approved wire connectors: connect the neutral (white) wire to the supply neutral, connect the luminaire line wire (black) to the supply line wire, connect the ground (green) wire to the supply ground.

14. Turn power on to test installation.

15. Raise **Canopy** flush to ceiling and secure with **Lock Nut**. (Fig. 10)

\* Make sure to only provide minimum slack in tether when fixture is installed.



## Warranties and Limitation of Liability

Please refer to [www.cooperlighting.com/WarrantyTerms](http://www.cooperlighting.com/WarrantyTerms) for our terms and conditions.

## Garanties et limitation de responsabilité

Veuillez consulter le site [www.cooperlighting.com/WarrantyTerms](http://www.cooperlighting.com/WarrantyTerms) pour obtenir les conditions générales.

## Garantías y Limitación de Responsabilidad

Visite [www.cooperlighting.com/WarrantyTerms](http://www.cooperlighting.com/WarrantyTerms) para conocer nuestros términos y condiciones.

### FCC Statement

• This device complies with Part 15 of the FCC Rules.  
Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

**Note:** The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

**Note:** The equipment has been tested and found to comply with the limits for a **Class B** digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off an on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons.