Litesphere RGBW Adapt Installation Instructions
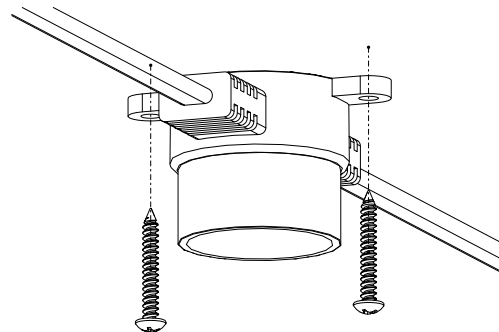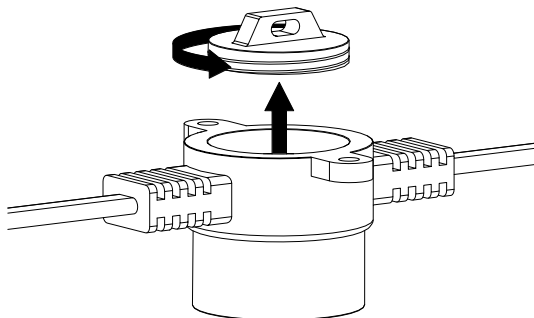
Warnings and Safety

- Please verify the contents of the package!
- Please read instructions before starting the installation.
- Make sure power is off before installing or modifying the system.
- Call Tivoli LLC tech support with any questions.
- This product is designed to work with listed Class 2, 24V DC transformers only. Use of any other power source will cause damage, shorten the life of the fixture, and will void the warranty.
- Consult any local and national codes for installation.
- Follow basic safety precautions when dealing with any luminaire application to reduce the risk of fire, electrical shock, and/or personal injuries. This lighting system should be installed by a certified professional.

- **Do not** use this product for other than its intended use.
- **Do not** install this lighting system where the exposed bare contacts can be shorted or contact any conductive material to reduce the risk of fire and burns.
- **Do not** use any luminaire if damaged, such as a broken globe, loose connections, or frayed wire insulation. Inspect periodically.
- **Do not** secure any luminaire with staples, nails or like means that might damage the wire insulation.
- **Do not** cover lamps with cloth, paper or any material that is not part of the product.

Installation

There are 2 mounting options: Surface Mount and Suspension Mount.

Step 1 will cover the Surface Mount Option.

1. For the surface mounting option, remove the socket cap and cover and screw each socket to mounting surface using the appropriate screws.
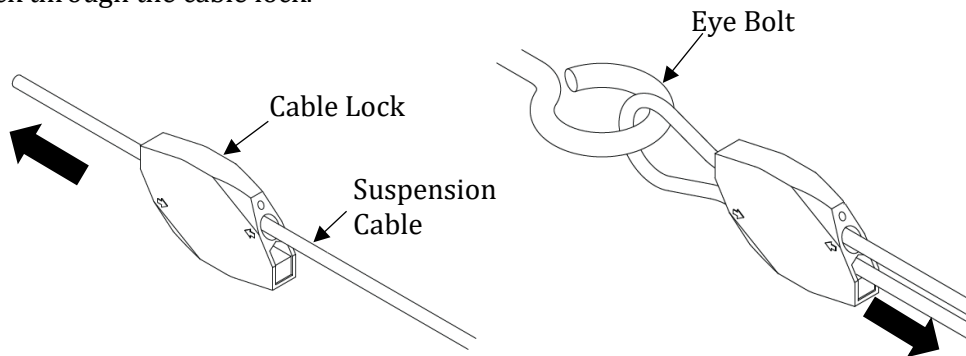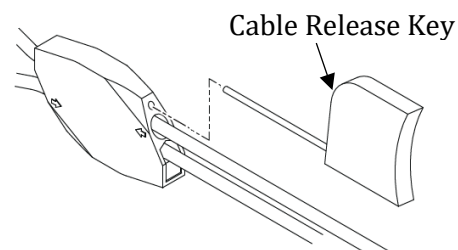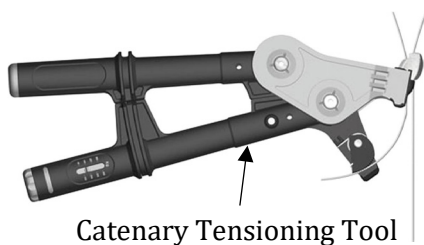
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Steps 2-6 will cover the Suspension Mount Option.

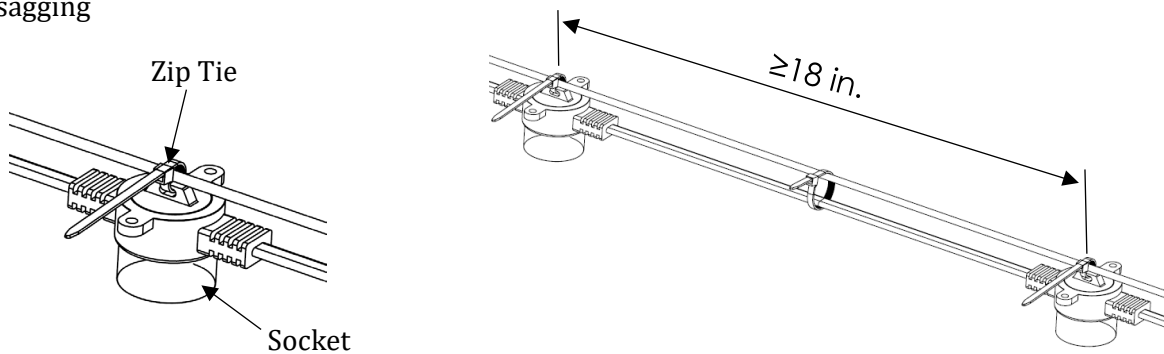2. Attach eyebolts or other mounting hardware to the structural supports that will hold the catenary cable.
   a. The catenary cable is rated for hanging loads up to 200 lbs. and 800 lbs. of pulling tension.

3. Insert suspension cable into the cable following the direction of the arrow on the cable lock.

4. Look the suspension cable through the mounted eye bolt or other mounting hardware and insert the cable back through the cable lock.

Eye Bolt

Cable Lock

Suspension Cable

5. You can tighten the suspension cable using a catenary tensioning tool or loosen the cable using a cable release key on the cable lock.

Cable Release Key

Catenary Tensioning Tool

6. Attach the strands with the sockets to the suspension cable using zip ties.
   NOTE: For strands with on center spacing of 18 in. or greater, use a zip in between globes to prevent sagging
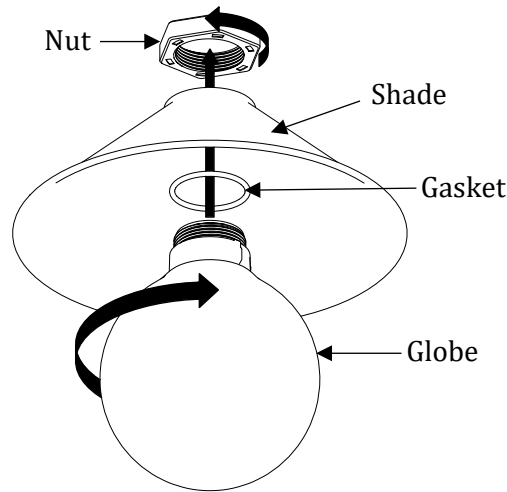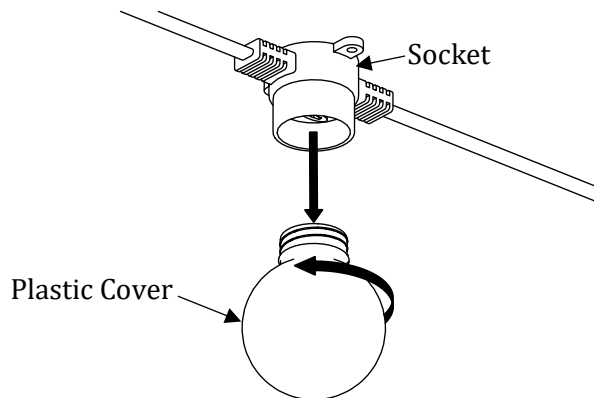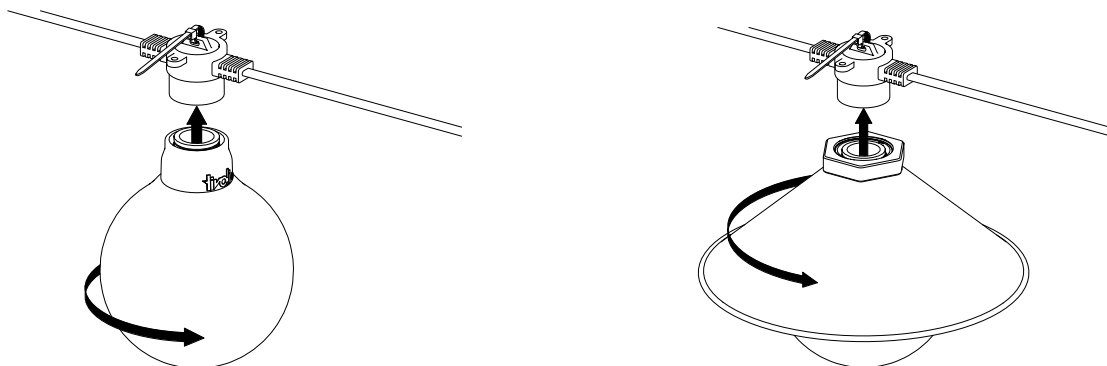
Zip Tie

≥18 in.

Socket

Skip to Step 8 if no shades will be used.

7. Create the shade assembly by placing the shade in between the gasket/globe and nut. Tighten the assembly.

Nut

Shade

Gasket

Globe

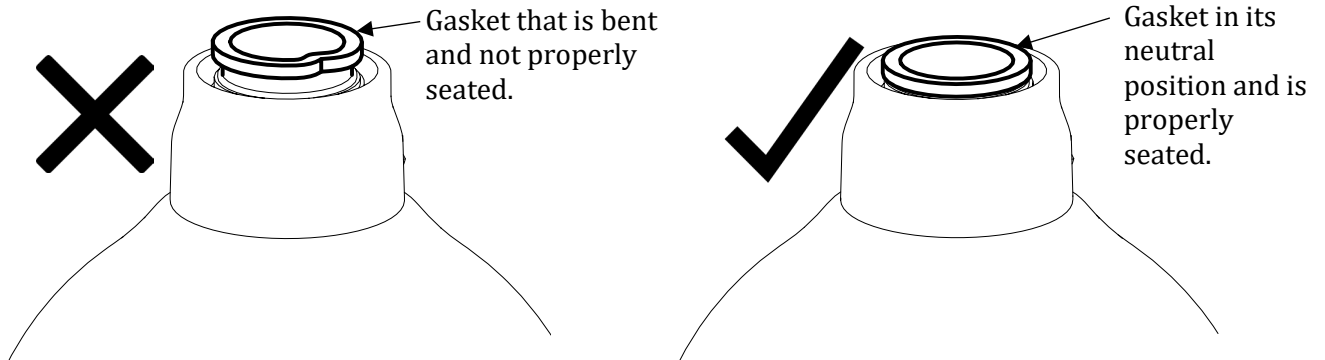8. Remove the plastic cover from the socket.

Socket

Plastic Cover

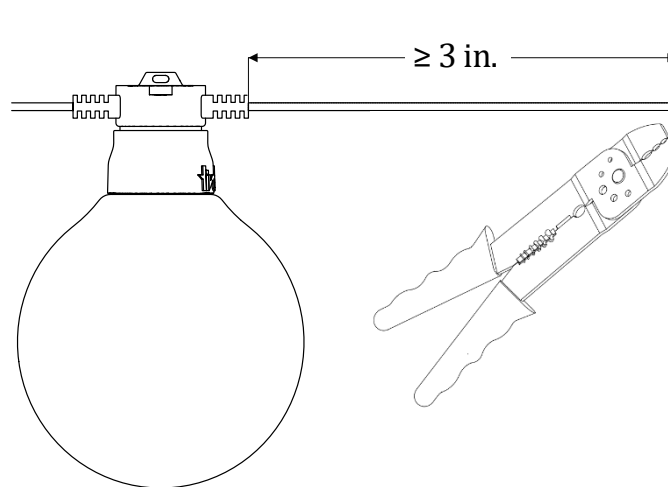9. Attach the globe or the shade assembly to the socket.

Litesphere RGBW Adapt
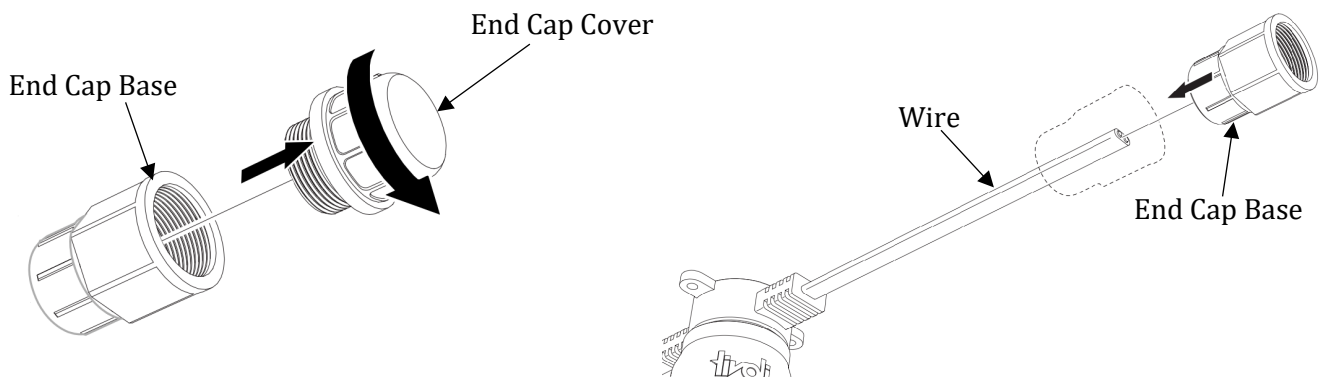# Installation Instructions

tivoli®

NOTE: To guarantee a proper fit and prevent potential issues, it is crucial to confirm that the gasket has been properly seated and positioned, and ensure it is not bent.

Gasket that is bent and not properly seated.

Gasket in its neutral position and is properly seated.

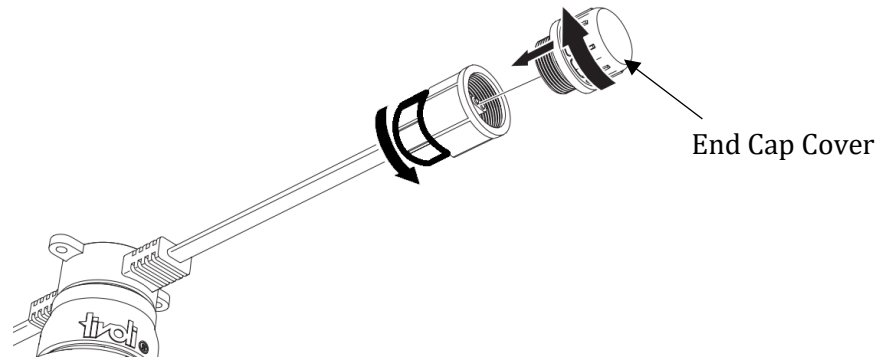10. At the end of the strand, cut 3 inches or more after the last globe to prepare to install the end cap.

≥ 3 in.

11. Loosen the end cap assembly and slide the end cap base on the wire.

End Cap Cover
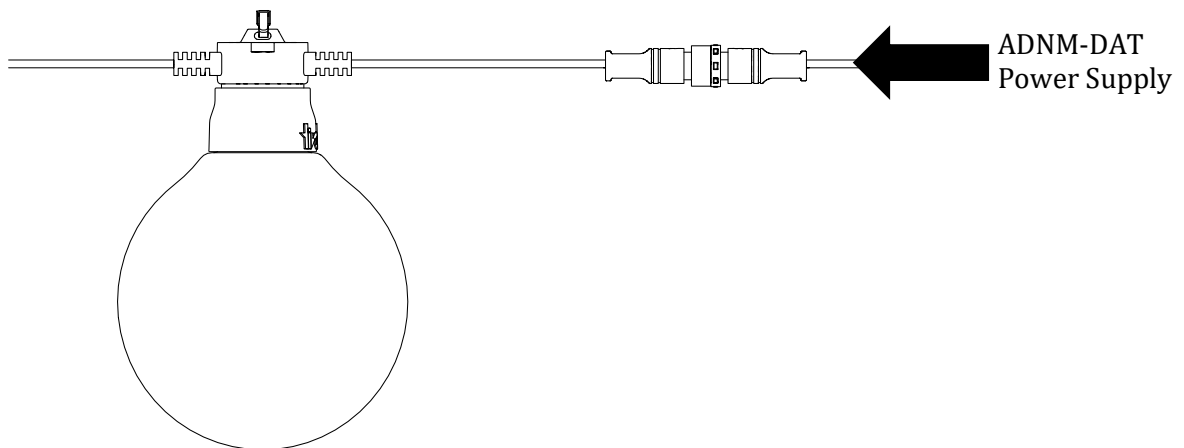
End Cap Base

Wire

End Cap Base

12. Attach the end cap cover onto the end cap base and tighten.

End Cap Cover

13. Confirm your power is off. **NEVER CONNECT STRANDS OR DATABOXES WHILE POWERED. RISK OF PRODUCT DAMAGE.**
14. Connect power/data lead to ADNM-DAT power supply.
    NOTE: Refer to related power supply specification sheets for more information and other possible configurations.

ADNM-DAT
Power Supply

15. Turn on power and verify the system is operating properly by verifying the following sequences while NOT connected to DMX.

    - Green Chase
    - Yellow Chase
    - Blue Chase
    - Magenta Chase
    - Cyan Chase
    - White Chase
    - Red Chase

16. Connect Data to DMX Controller
    NOTE: Refer to the related documents of the selected DMX controller for more information on installation and setup.