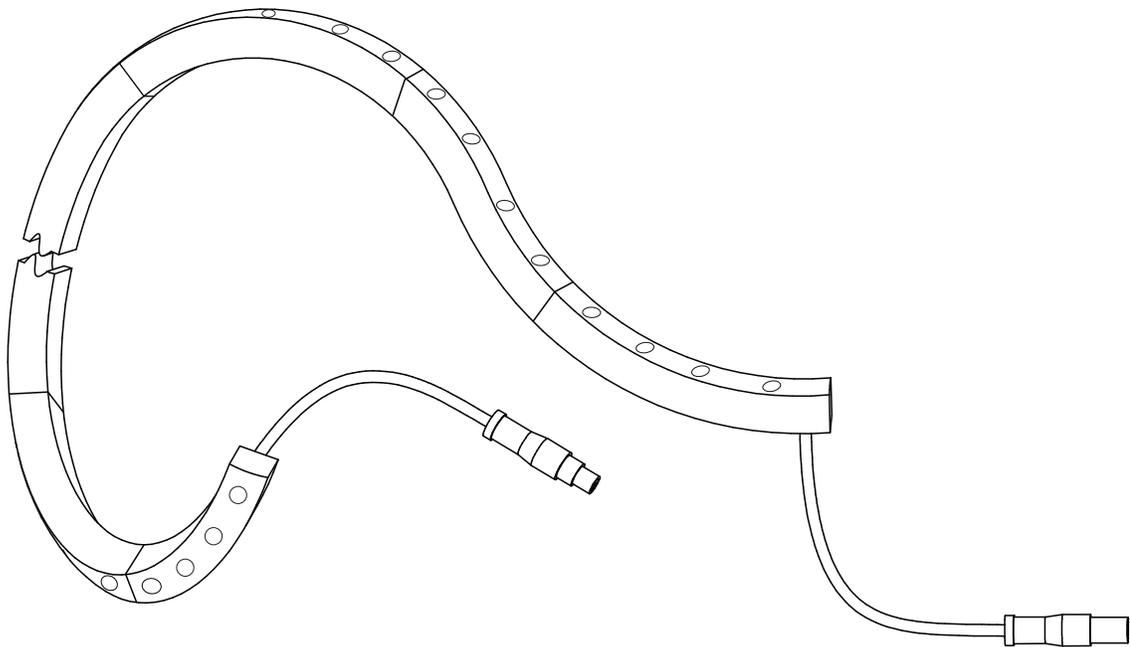


Rubber 3D Optic

LL-RUB-3DOpt

inter•lux

Installation Instructions



Need
Help?

Installation Instructions

Luminaires must be installed by a qualified electrician. Check with local and national codes for proper installation.



Never connect a live fixture!!!

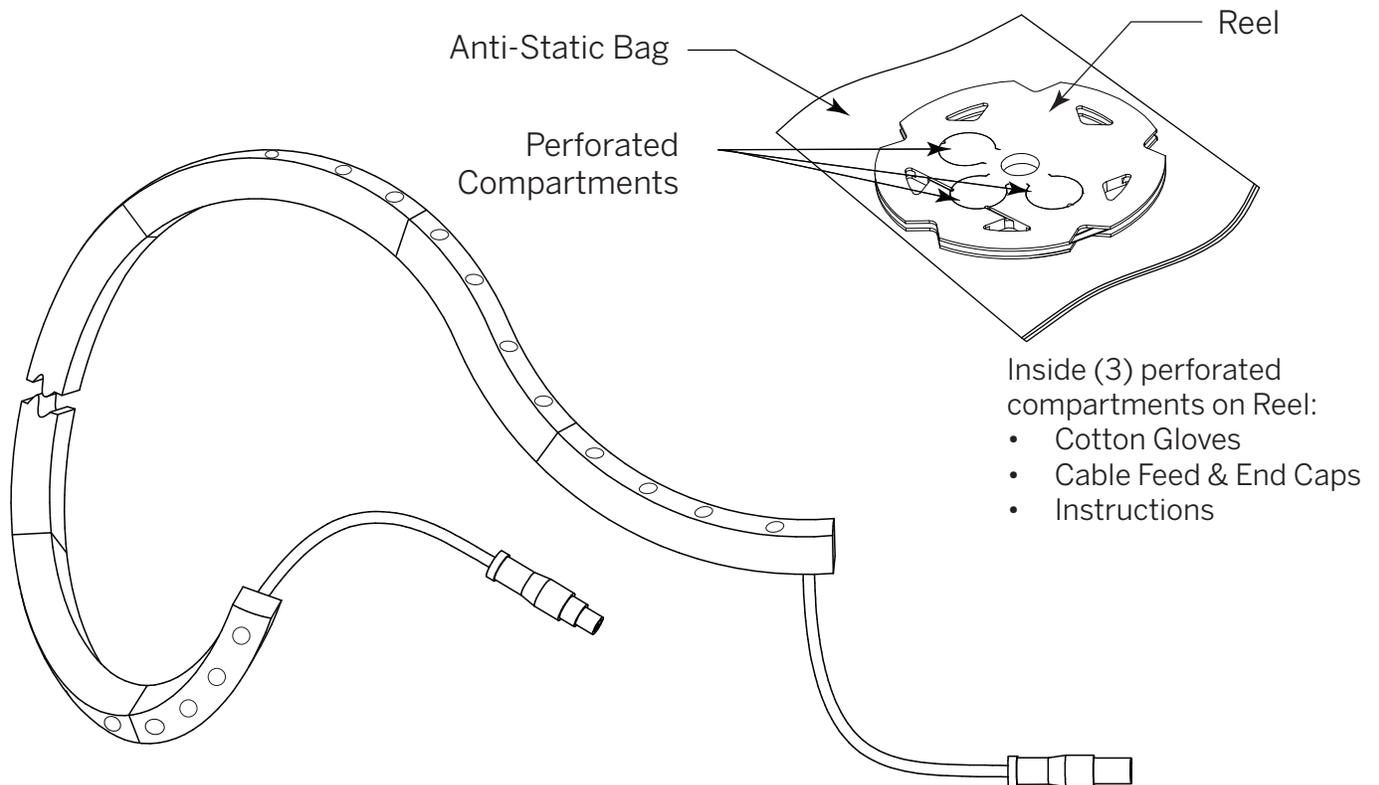
To prevent electrical shock disconnect electrical supply before installation or servicing.

Contractor is responsible for adequately reinforcing walls and/or ceilings to support fixture weight. Provide blocking when necessary.

Never connect a fixture to a live driver!!!

Step 1 - *Open the Box*

- a** Unpack Luminaire unit(s). The Rubber 3D Luminaire is unique among our many offerings and requires special handling during installation. 39.5" (Nominal 1m) lengths are supplied in Tubes; 118.3" (Nominal 3m) lengths are supplied on a Reel, packed in a large anti-static bag. Remote drivers and housings are ordered separately.



- b** Read instructions *thoroughly* before beginning installation.
- c** Put on supplied cotton knit glove.

Actual Luminaire Lengths:

39.5" = 1000mm
118.3" = 3000mm

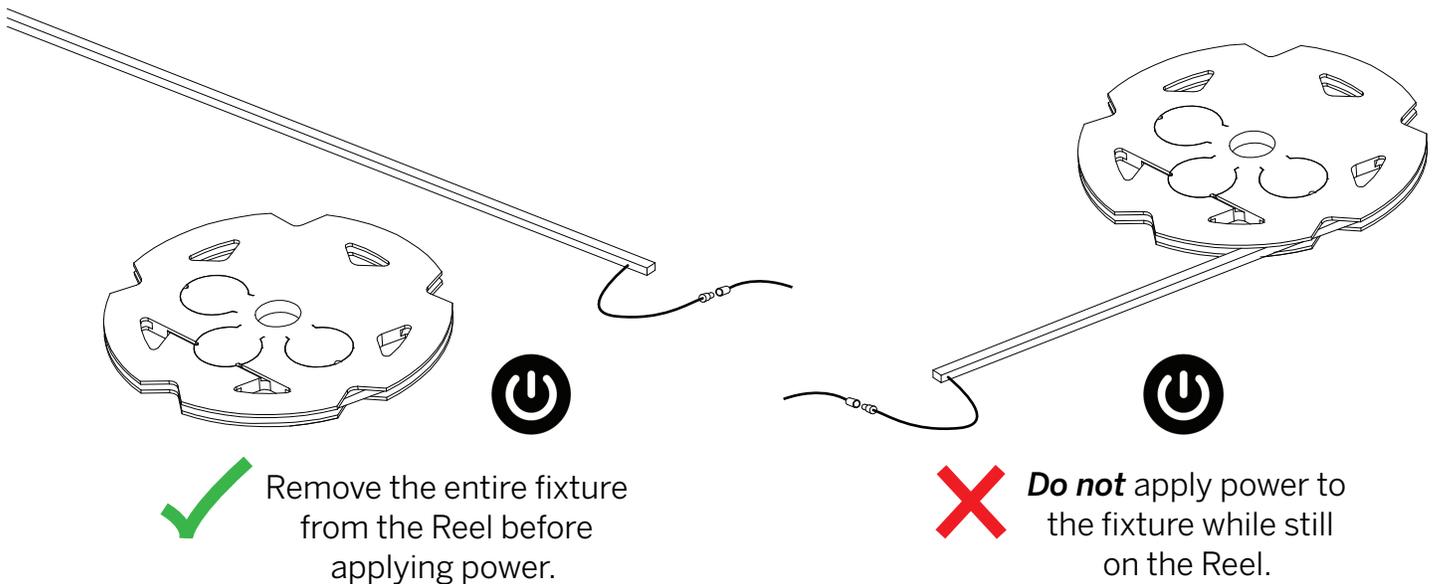
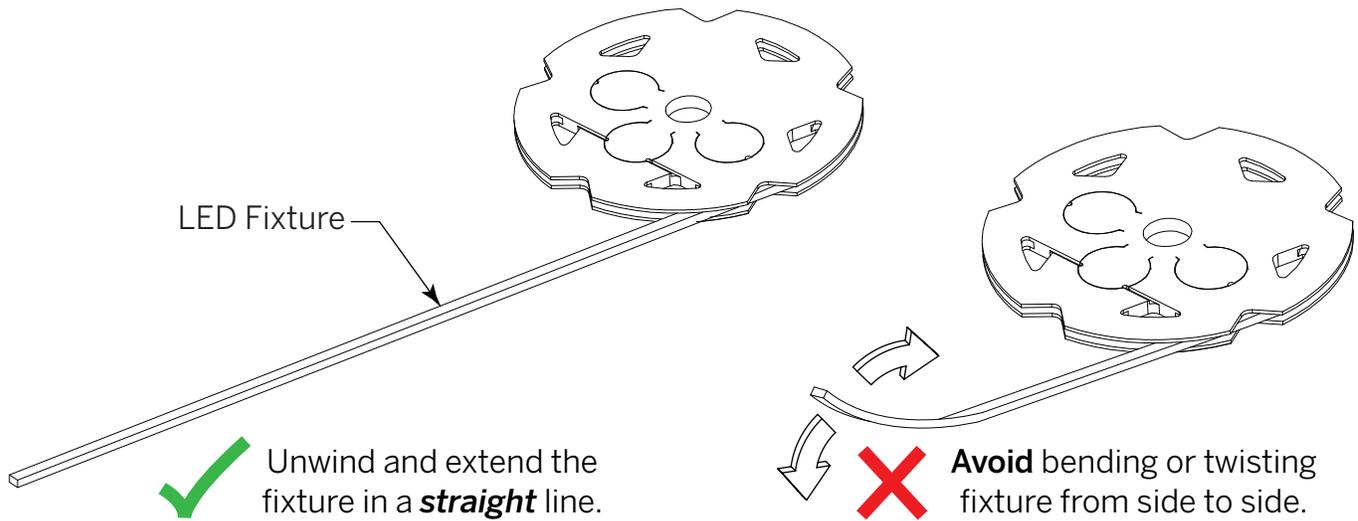
Need Help?

IMPORTANT: As a flexible product, installation should not be attempted by one person working alone.

Installation Instructions

Step 2 - *Recommended Practices in Handling Fixture*

Open the Bag and lay Reel on work surface



Heat buildup may damage LED electronics

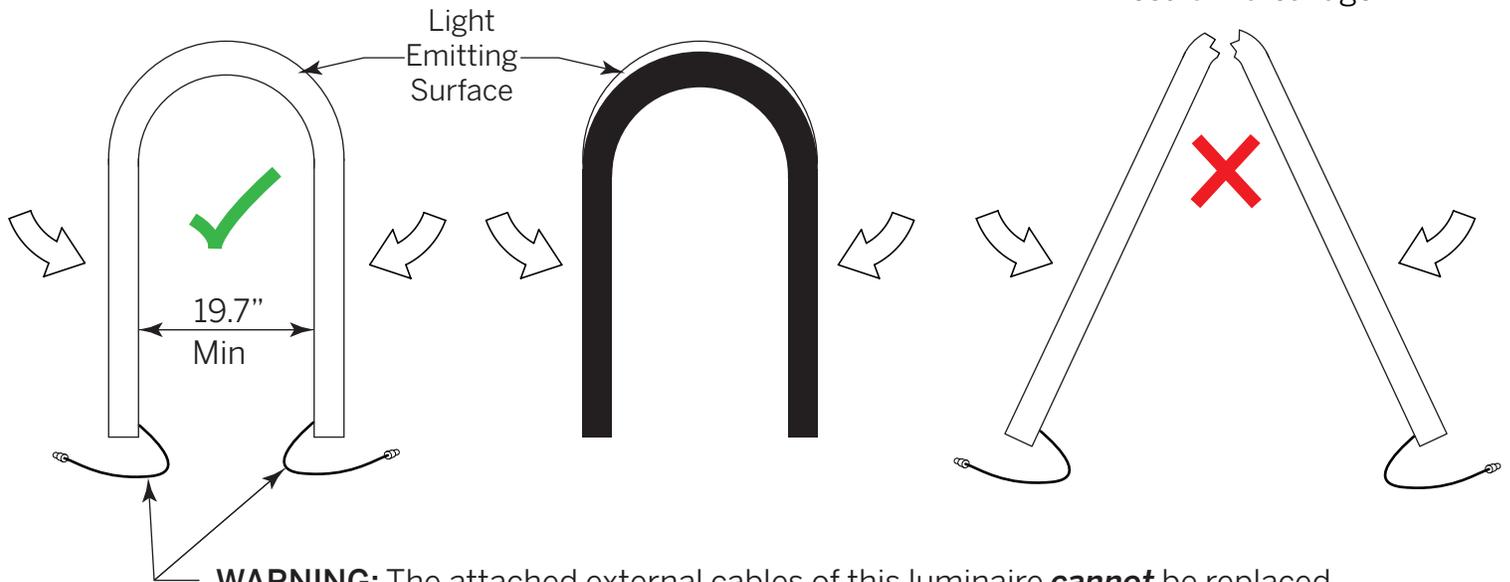


Installation Instructions

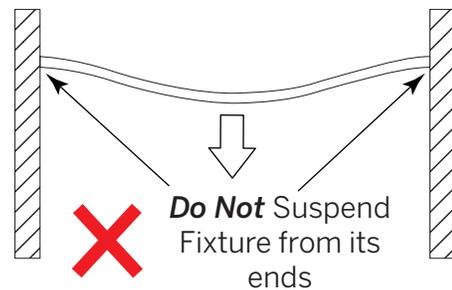
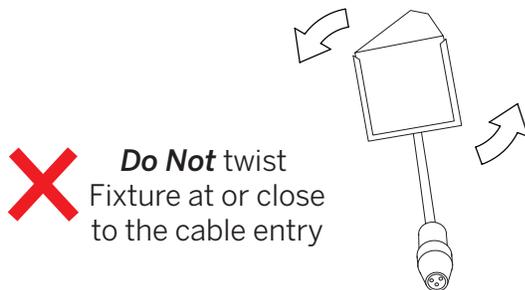
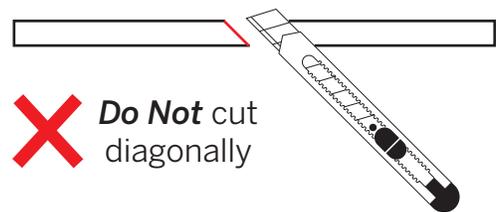
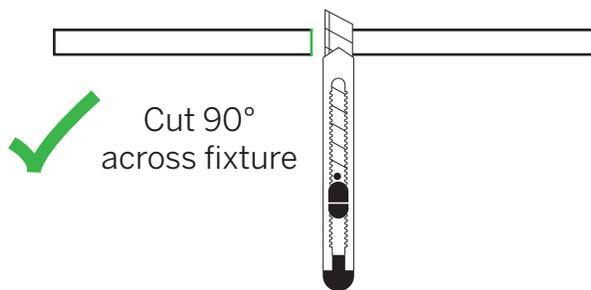
Step 2 - *Recommended Practices in Handling Fixture* (continued)

Minimum Bending
Radius: 9.8" (250mm)

Bending fixture with a
tighter diameter
will result in breakage



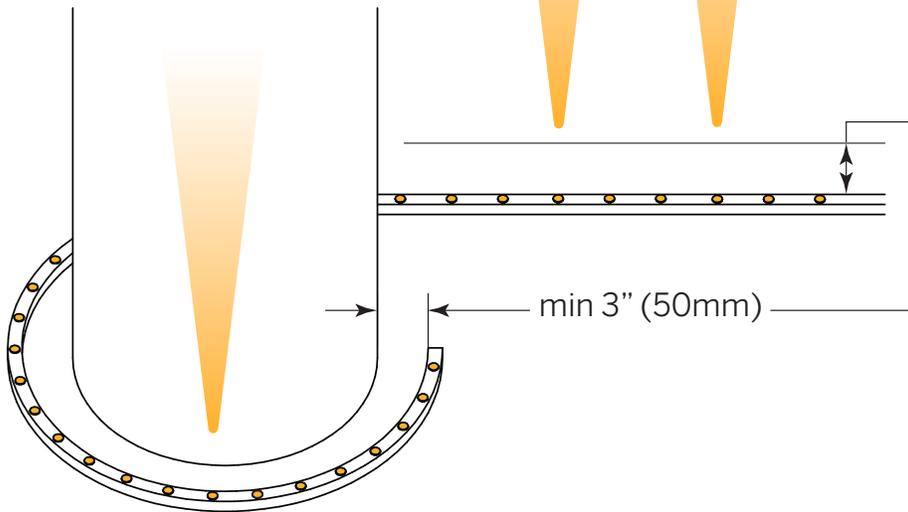
WARNING: The attached external cables of this luminaire **cannot** be replaced. If the cord is damaged, the entire luminaire must be replaced. Similarly, the internal LED strip is not replaceable. At the end of the product's life, the whole luminaire must be replaced.



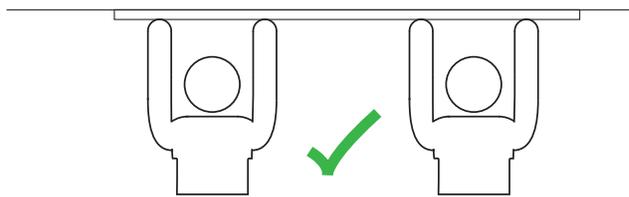
Need
Help?

Installation Instructions

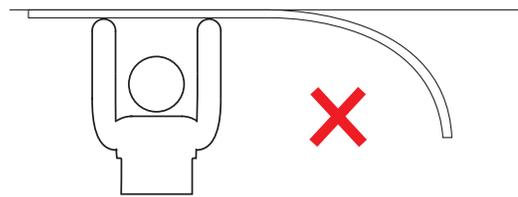
Step 2 - *Continued*



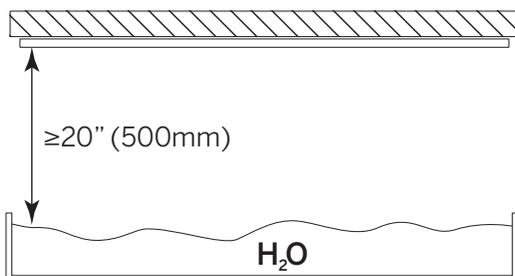
Rubber 3D Optic must be offset no less than 3" (75mm) from parallel surface (e.g. wall or column).



(2) people required to install



Do Not install by yourself



When installing fixture near water, allow for a minimum of 20" (500mm) above water level. Fixtures are not rated for continuous submersion.

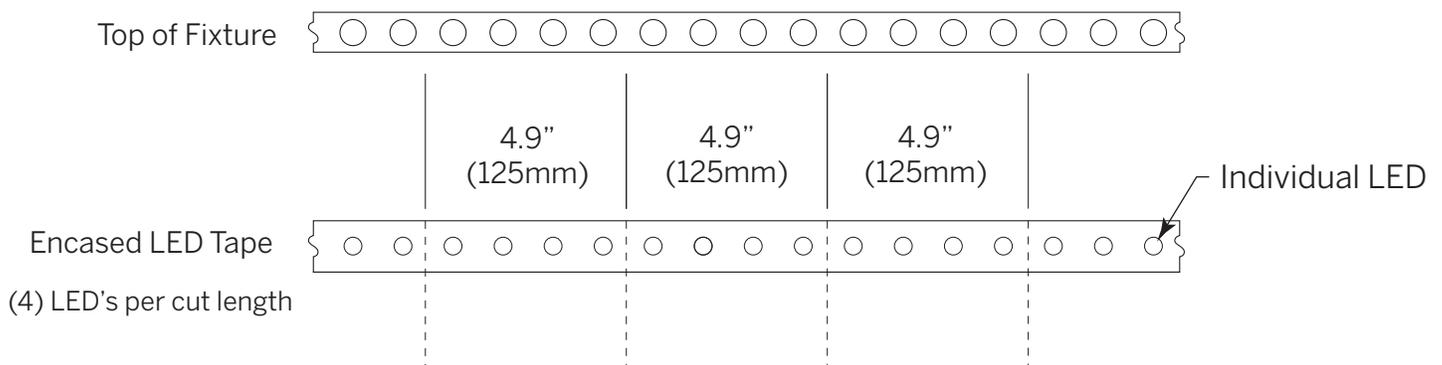


Installation Instructions

Step 3 - *How to Measure & Cut Fixture*

WARNING! Read cutting instructions carefully *before* cutting fixture. If directions are not followed, an unlit section may result!

The Rubber fixture is an LED tape encased in a Polyurethane resin, blended into a PVC flexible channel. It is important that the fixture is cut accurately to function correctly.



- a** Add 4.9" (125mm) to the intended *lit* length and mark the Fixture at the bottom with a pen/marker. Make your first cut there.
- b** Energize the Fixture. You will have an unlit section of up to 4.9" (125mm). Examine the bottom of the Fixture and locate where the lit section ends. Make a second mark.
- c** De-energize the Fixture. Make a third mark 0.25" (6mm) beyond the second mark, and make the second and final cut there.
- d** Energize and test again.
- e** Add End Cap as shown on next page.



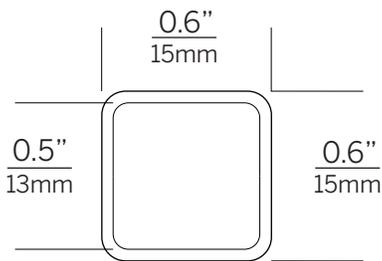
Need Help?

NOTE: Illustration not representative of actual LED/Lens pitch.

Installation Instructions

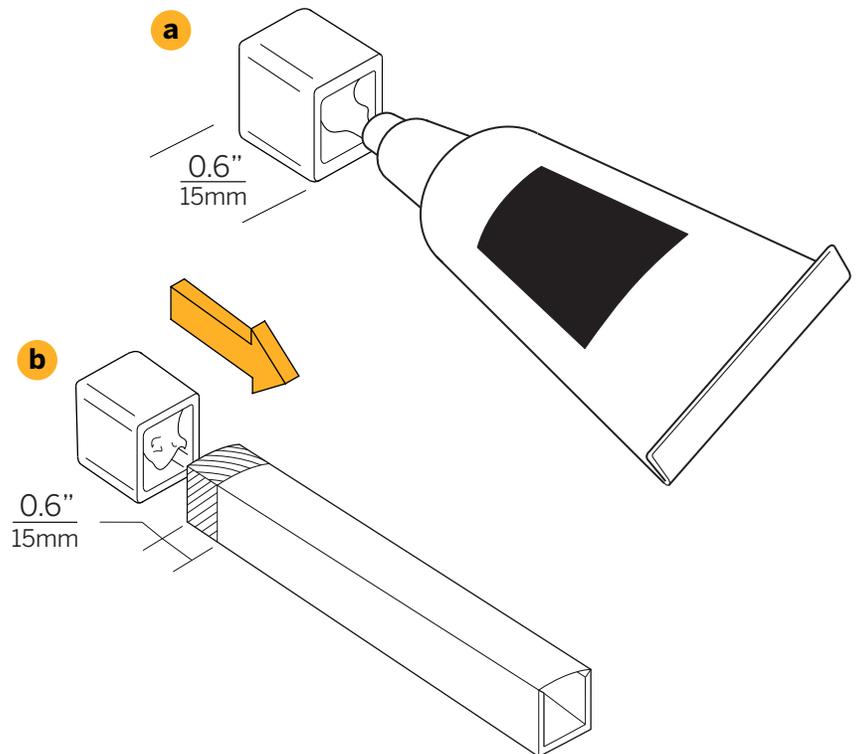
Step 4 - Terminating a Cut Luminaire

Ends of cut fixtures must be terminated with an End Cap, ordered as part of the 99539 End Cap Kit.

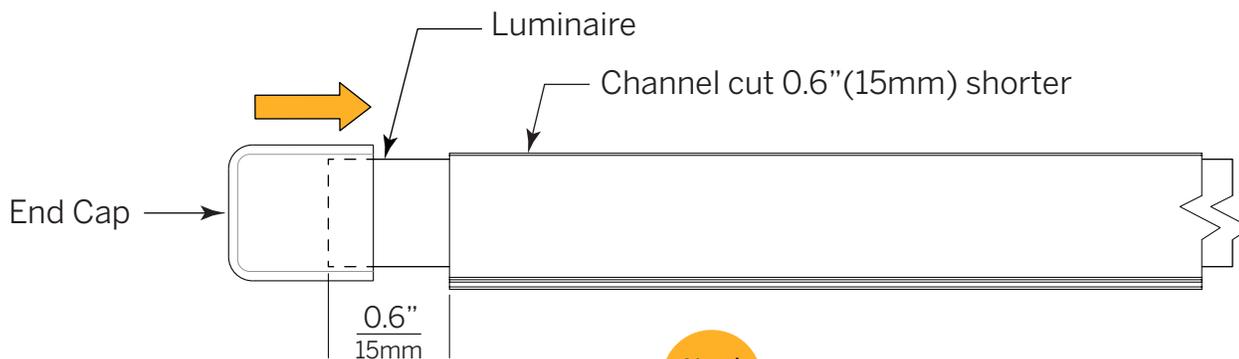


99539 End Cap Kit includes (2) Caps and (1) Tube of Silicone.

- a** Apply silicone at end of End Cap before sealing cut Fixture. Avoid squeeze-out as too much silicone can cover the LED tape's diodes.
- b** Mount End Cap



NOTE: If using a Channel to house the fixture, Channel needs to be cut 0.6" (15mm) shorter, as the End Cap does not fit within its confines. See illustration below.



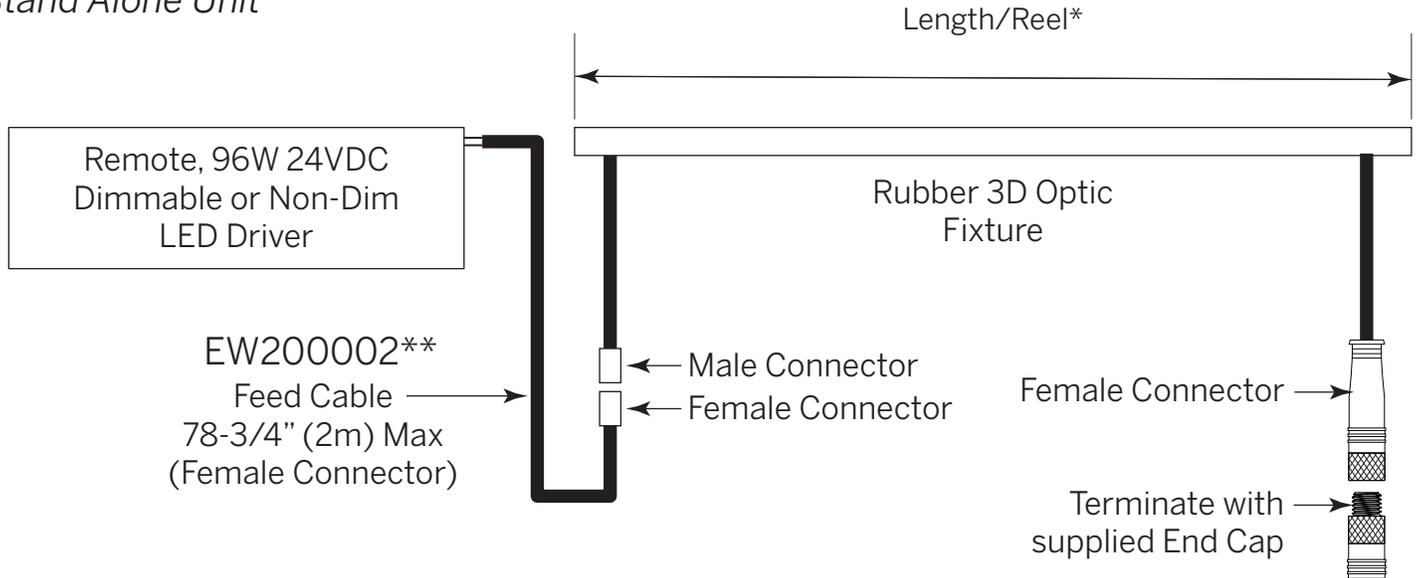
Need Help?

Installation Instructions

Step 4 - **Wiring - Static White**

24V DC Constant Voltage, 6.1W/ft

Stand Alone Unit

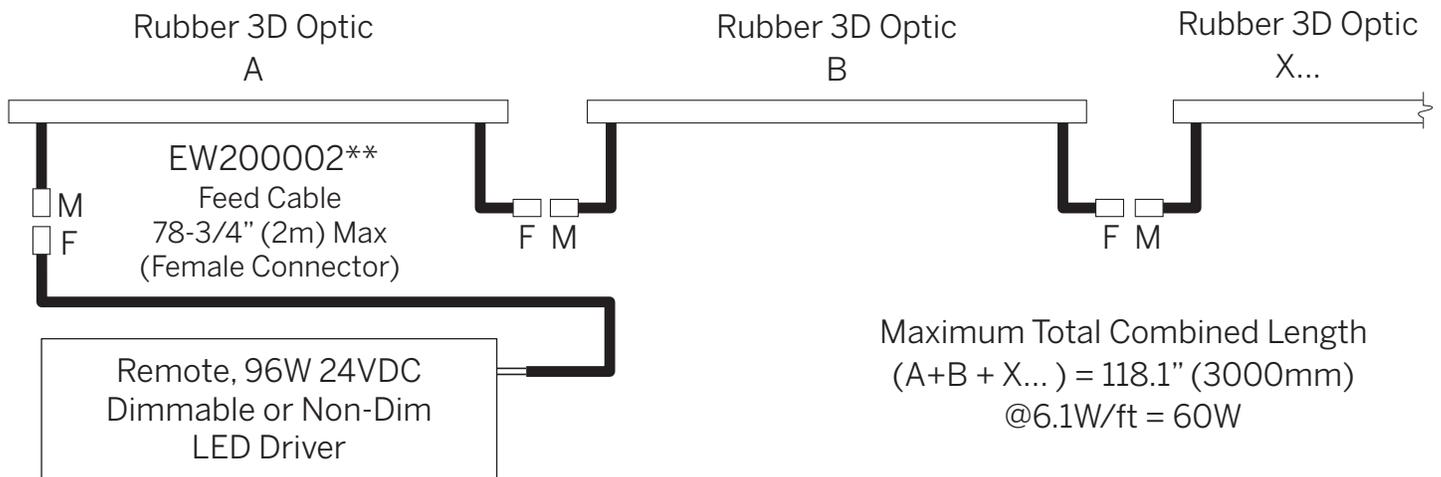


*Available Lengths:
3'-3½" (39.5"/1m) @6.1W/ft = 20W
9'-10¼" (118.3"/3m) @6.1W/ft = 60W

Also Available: E-W200001
 Feed Cable with Male Connector

**EW200002 Wire Colors:
 Clear Wire (-)
 White Wire (+)

Multi Unit Run



Also Available: E-W200001 Feed Cable with Male Connector

Available Drivers

- OT96-D010
- DI96-24V-JBX-DPH-D010
- LUT96-L3D0

