

Installation Instructions

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



Never connect a live fixture!!!

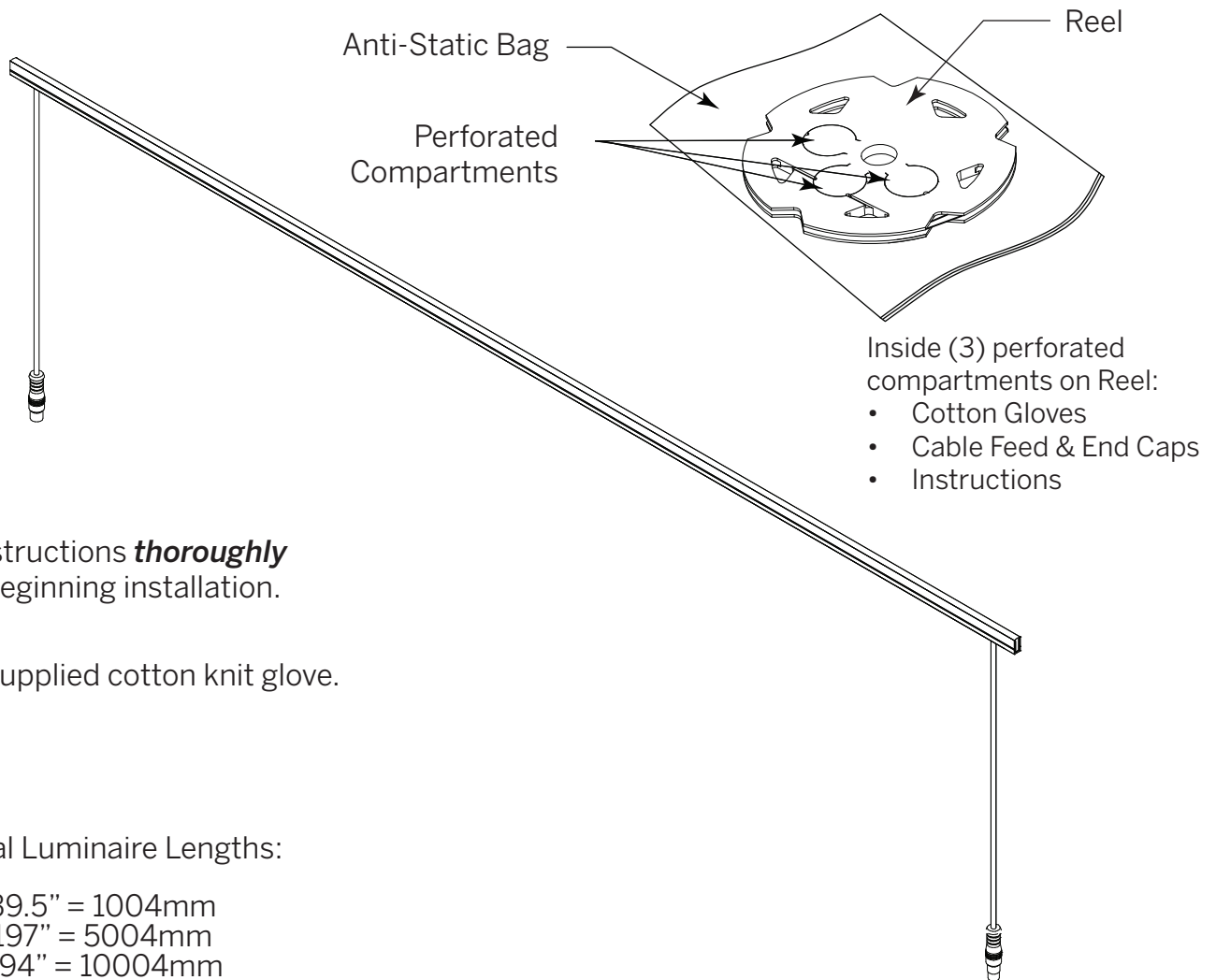
To prevent electrical shock disconnect electrical supply before installation or servicing.

Never connect a fixture to a live driver!!!

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

Step 1 - *Open the Box*

- a** Unpack Luminaire unit(s). The Rubber 2D Mini (Side Bend) Luminaire is unique among our many offerings and requires special handling during installation. 39.5" (Nominal 1m) lengths are supplied in Tubes; 197" (Nominal 5m) and 394" (Nominal 10m) 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.

Need
Help?

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

Rubber 2D Mini (Side Bend)

LL-RUB-2DMS

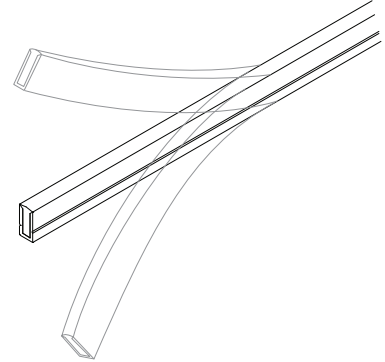
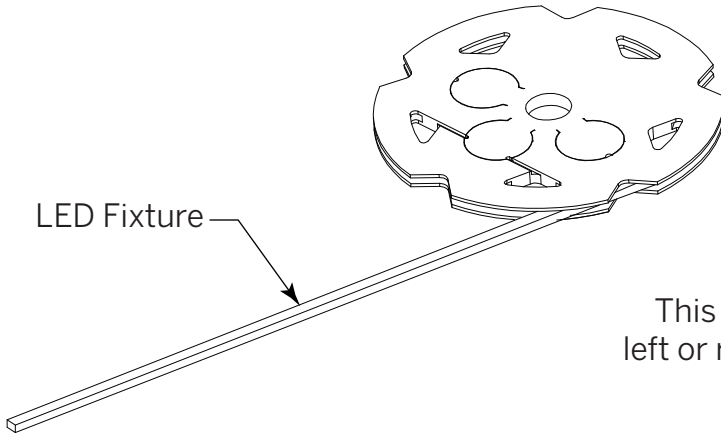
inter•lux

Installation Instructions

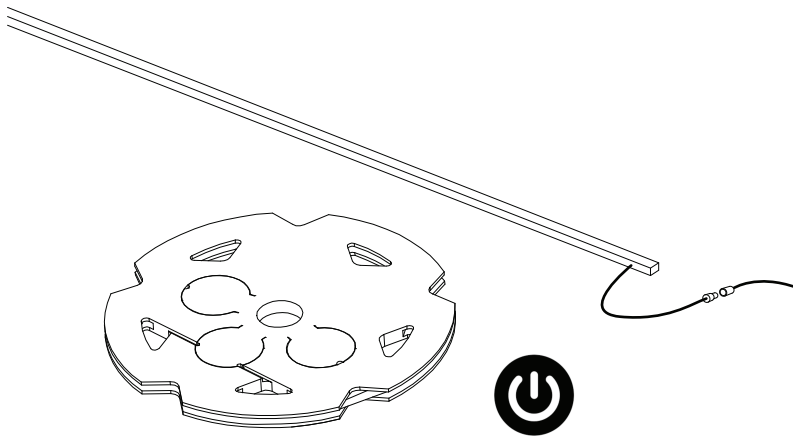
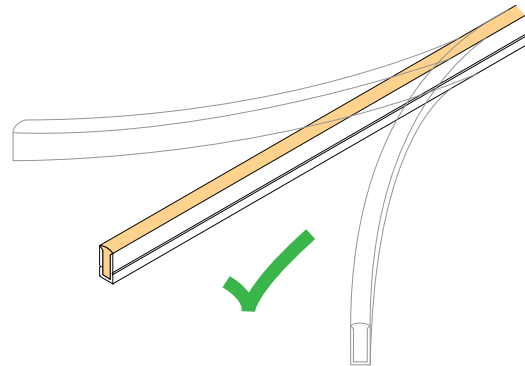
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Step 2 - *Recommended Practices in Handling Fixture*

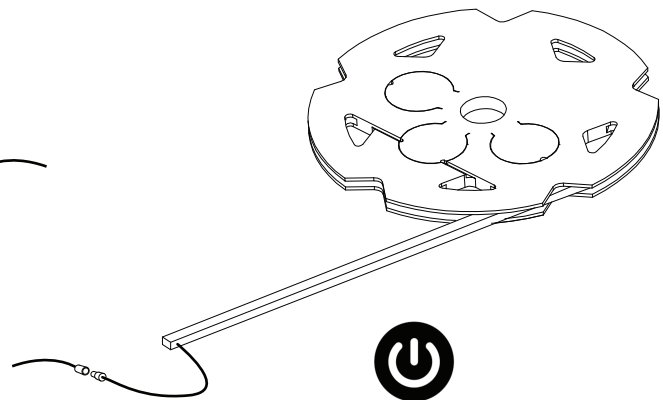
Open the Bag and lay Reel on work surface



This fixture is Side Bend only! It can only be bent left or right. DO NOT attempt to bend it up or down, as doing so will risk breakage of fixture.



Remove the entire fixture from the Reel before applying power.



Do not apply power to the fixture while still on the Reel.

Heat buildup may damage LED electronics

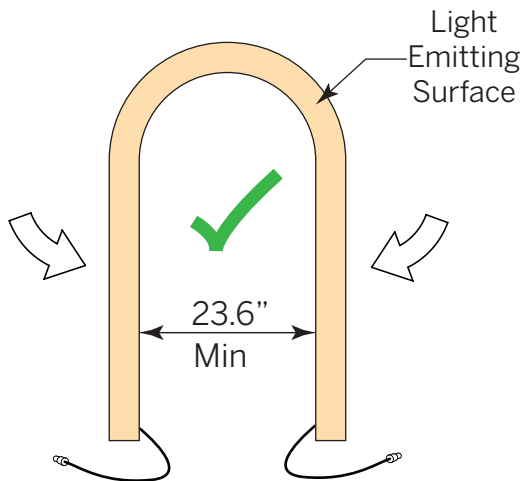
Need Help?

Installation Instructions

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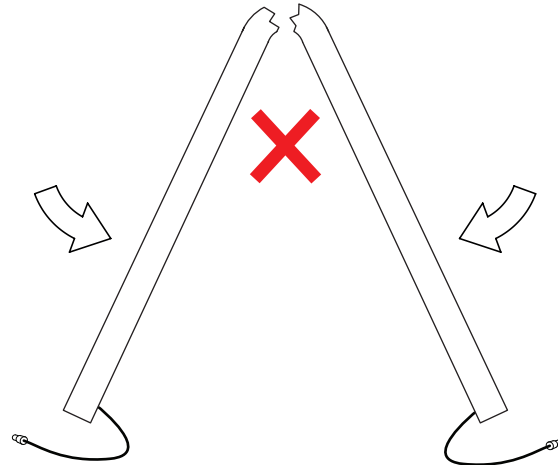
Step 2 - *Recommended Practices in Handling Fixture* (continued)

Minimum Bending
Radius: 11.8" (300mm)



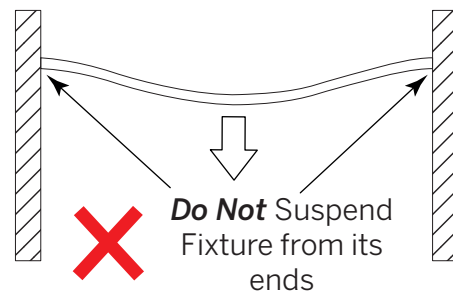
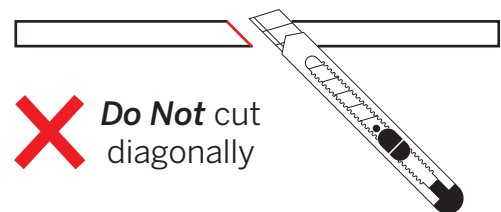
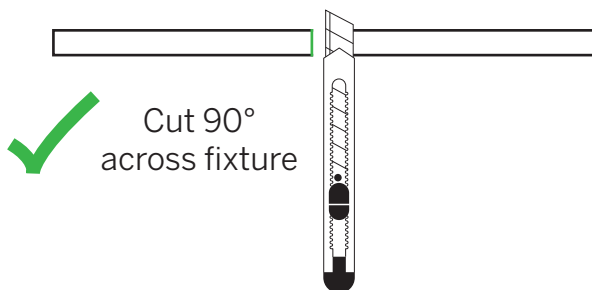
Top View

Bending fixture with a
tighter diameter
will result in breakage



Top View

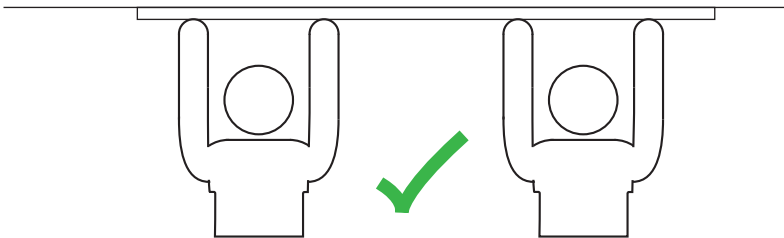
WARNING: The attached external cables of this Luminaire **cannot** be replaced. If the cord is damaged, the entire Luminaire must be replaced. Similarly, the internal LED strip is not replaceable. At the end of the product's life, the whole Luminaire must be replaced.



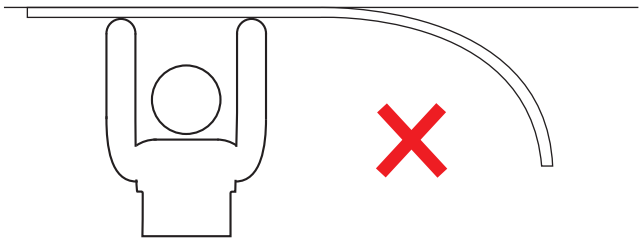
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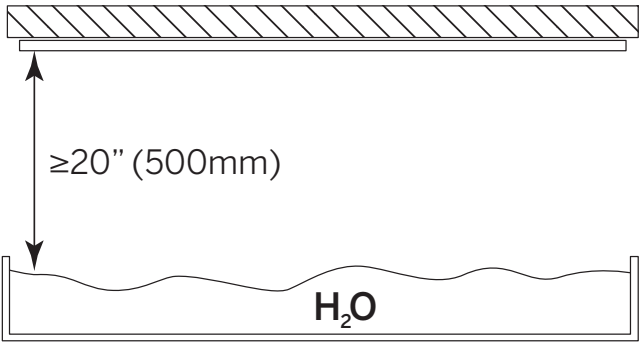
Step 2 - *Recommended Practices in Handling Fixture* (continued)



(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.



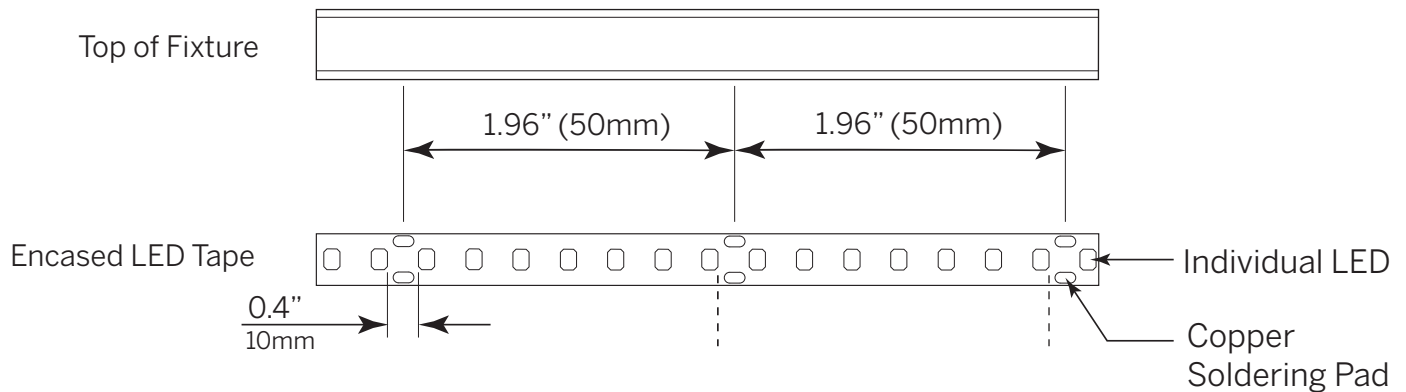
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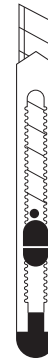
Step 3 - *How to Measure & Cut Fixture*

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 1.96" (50mm) 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 1.96" (50mm). 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 count.

Installation Instructions

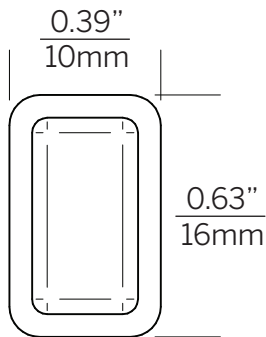
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Step 3 - *Continued*

Terminating

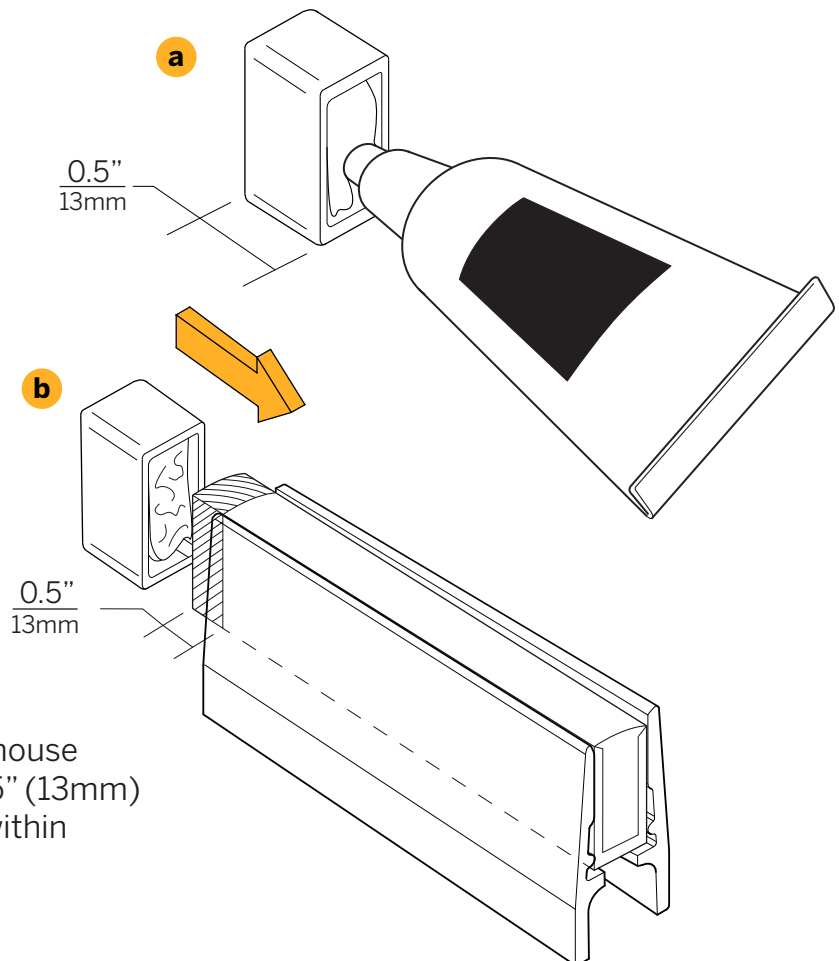
Ends of cut fixtures must be terminated with an End Cap, ordered separately as part of the 99538 End Cap Kit.

99538 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 Mounting Profile to house the fixture, Profile needs to be cut 0.5" (13mm) shorter, as the End Cap does not fit within profile.

Need
Help?

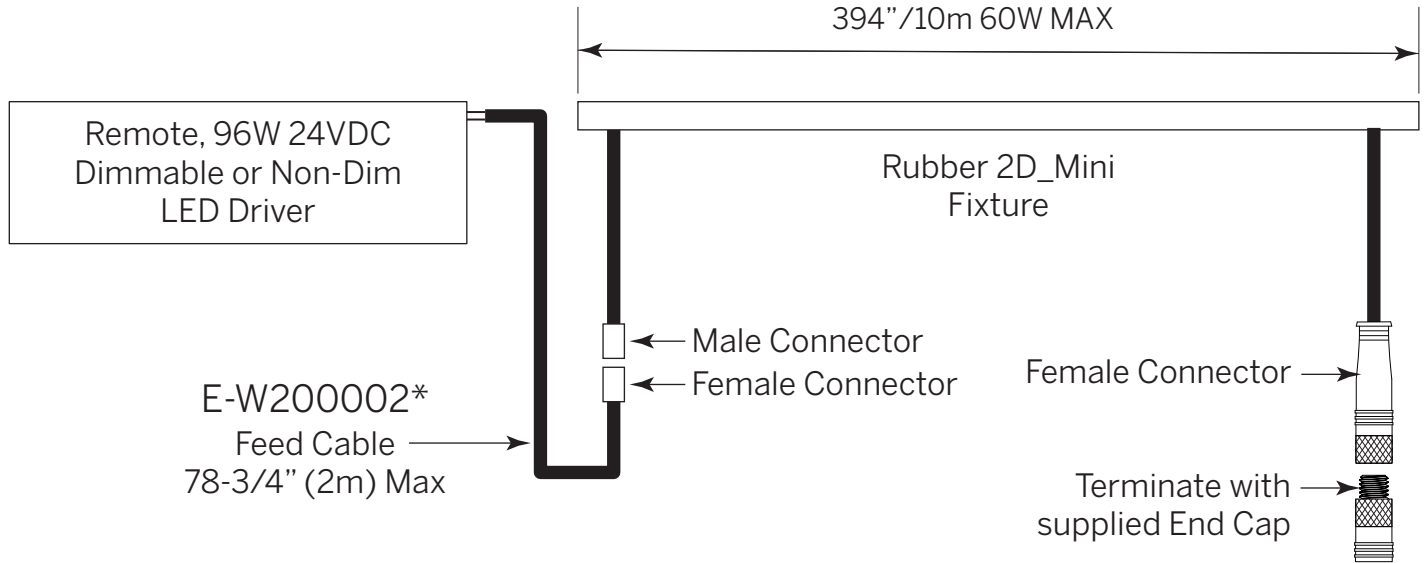
Installation Instructions

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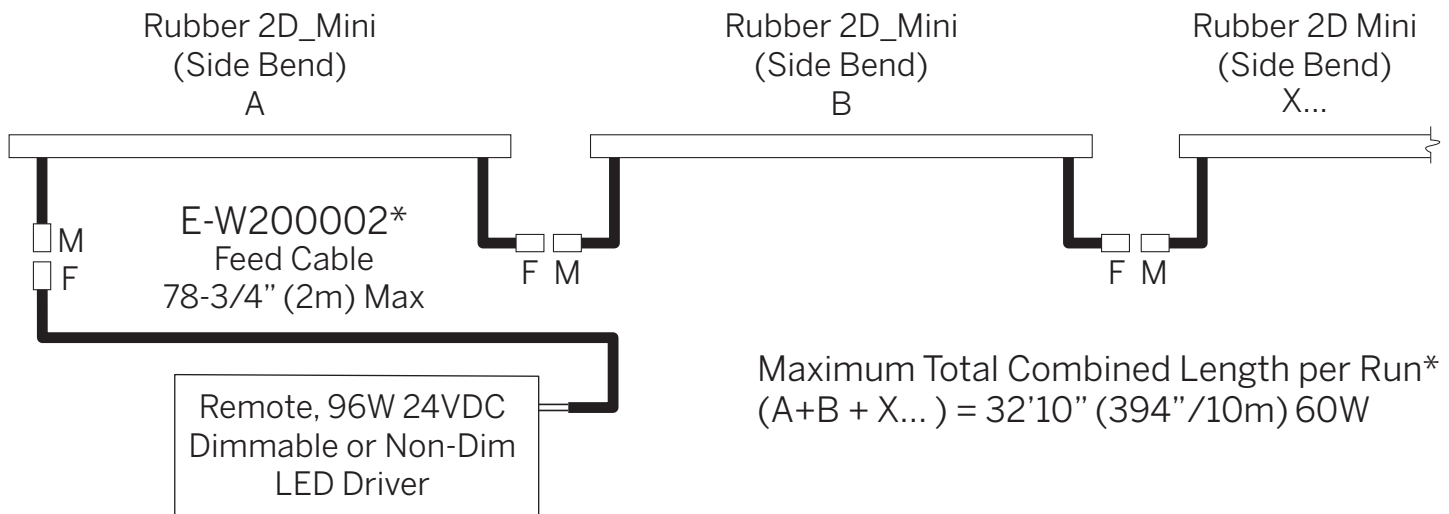
Step 4 - **Wiring - Static White**

24V DC Constant Voltage, 1.8W/ft

Stand Alone Unit



Multi Unit Run



Available Drivers

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

*E-W200002 Wire colors:
 Clear wire (-)
 White wire (+)

Need
Help?

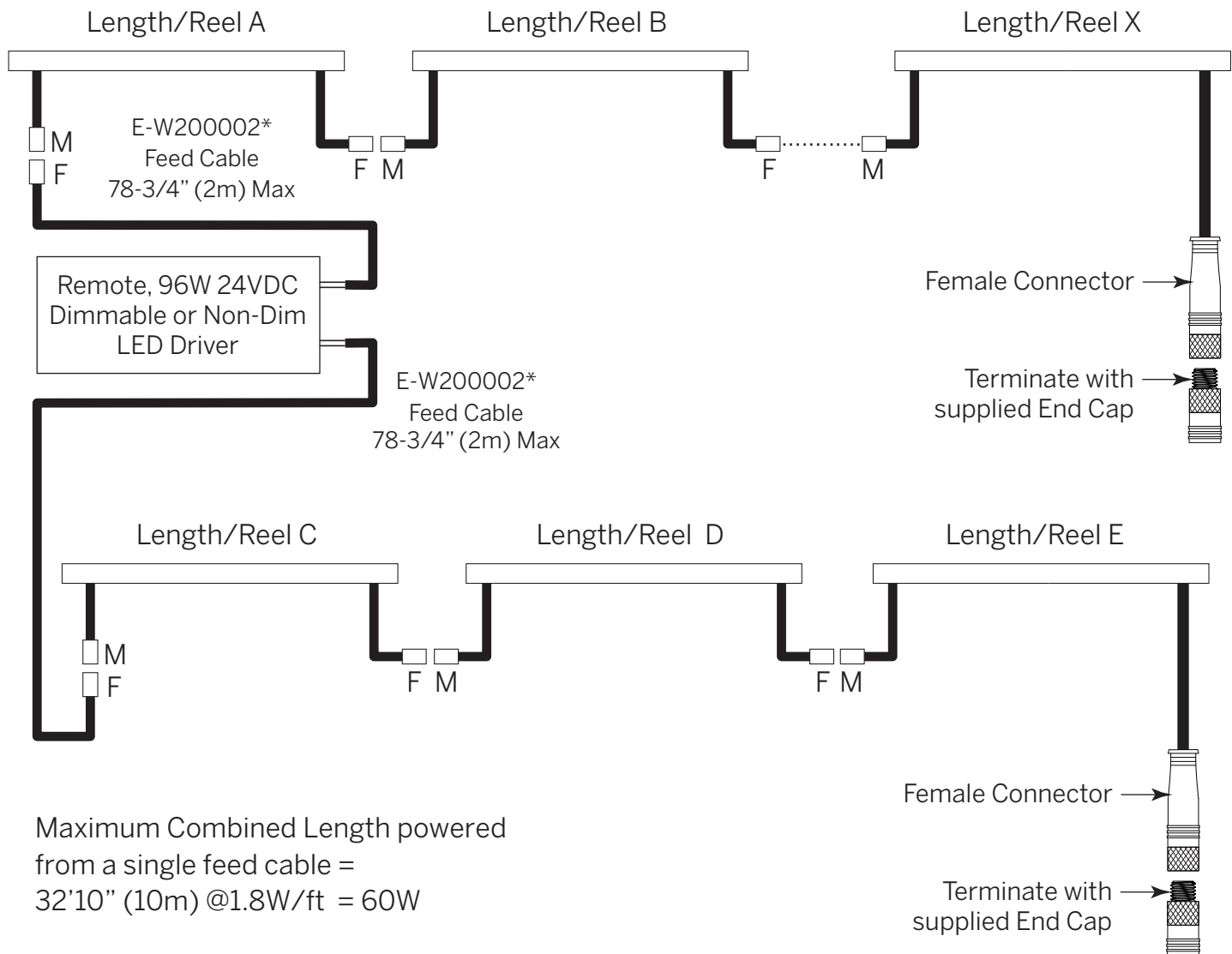
Installation Instructions

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Step 4 - **Wiring - Static White** (continued)

24V DC Constant Voltage, 1.8W/ft

Multi Unit Run - Dual Run, Single Driver



Maximum Combined Length powered
from a single feed cable =
32'10" (10m) @1.8W/ft = 60W

Maximum Combined Length (A+B+C+D
+E...+X) using two or more feed cables =
39'4" (12m) @1.8W/ft = 72W

*E-W200002 Wire colors:
Clear wire (-)
White wire (+)

Need
Help?

Available Drivers

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

Accessory Selection Guide



Need
Help?

Rubber 2D Mini (Side Bend)

LL-RUB-2D MINI

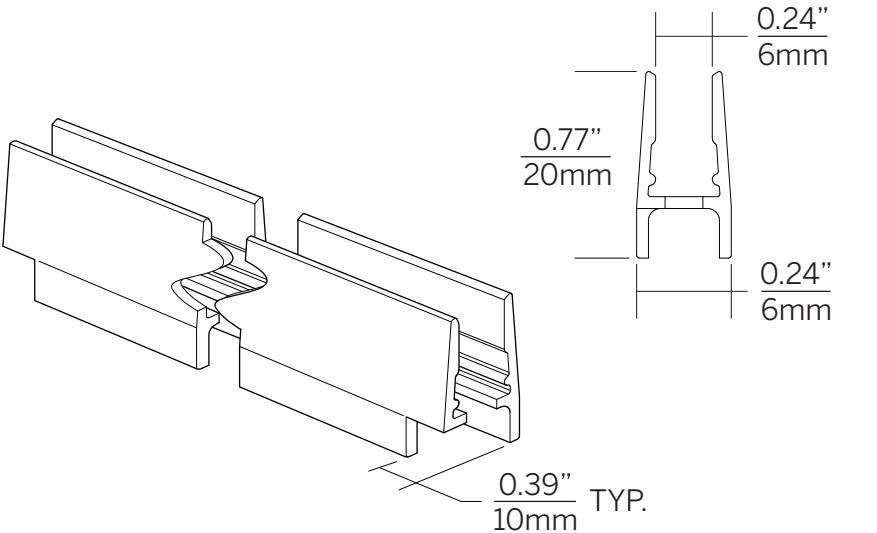
Linear Profile

May be used to mount Luminaire to surface or inside groove flush to surface. See illustrations on first page, lower left.

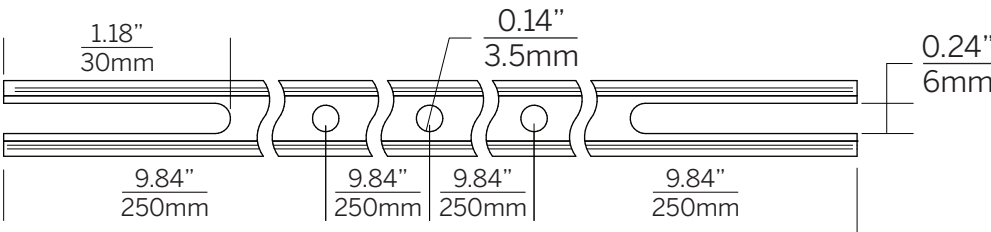
Aluminum Linear Profile

82846 - 39-3/8"/1m
Clear Anodized Finish

(5) Mounting Screws
included per profile



82846 - 39-3/8"/1m



Clips

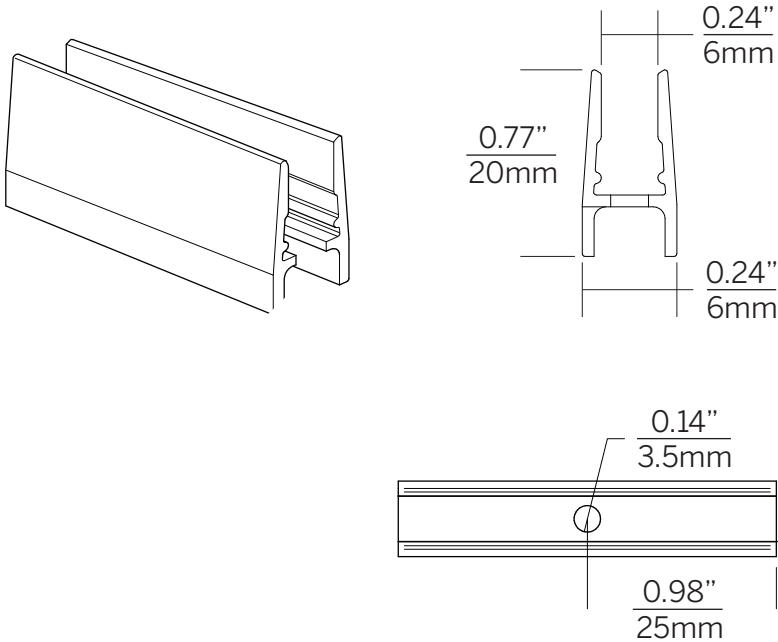
3/6

Used to mount Luminaire in curved runs. They may also be used in straight runs, just like the linear profile. Recommended spacing is 4" on center. Screws and anchors supplied.

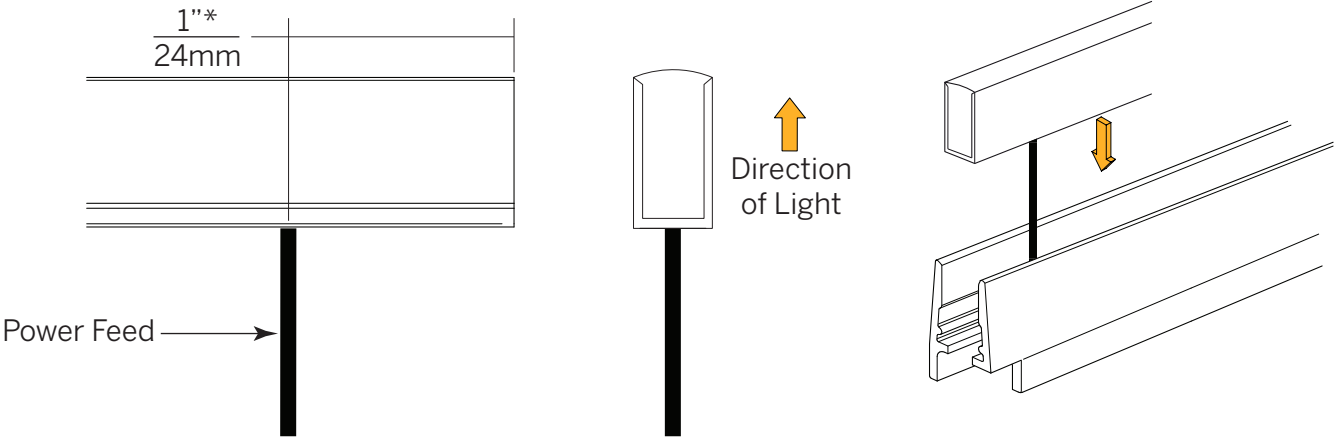
Aluminum Clip with
Connector Cavity

82847 - 1.96"/50mm
Clear Anodized Finish

(1) Mounting Screw
included per clip



Mounting 2D_Mini (Side Bend) to Surface



*Feed Cable distance from end of
Reel has a ±.04"(1mm) tolerance

NOTE: Contractor must construct way
to hide cable and connectors.



Rubber 2D Mini (Side Bend)

LL-RUB-2D MINI

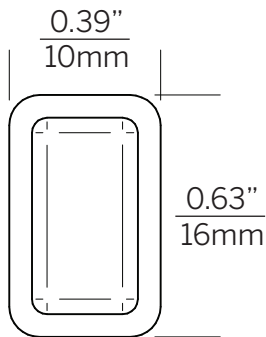
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Terminating

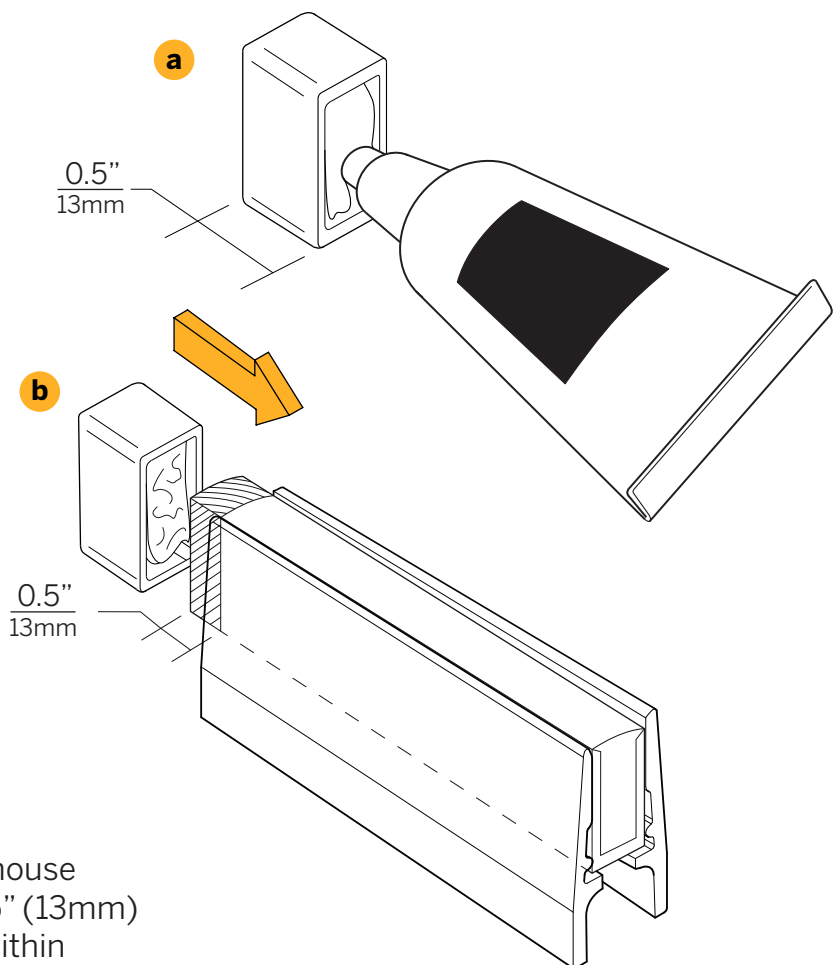
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Rubber 2D Mini (Side Bend)

LL-RUB-2D MINI

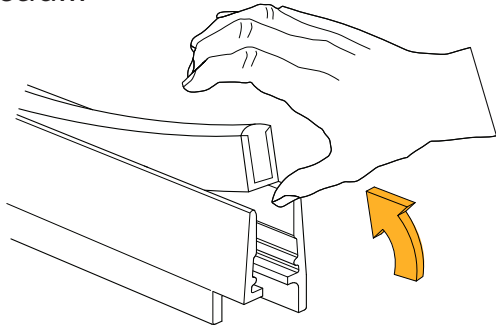
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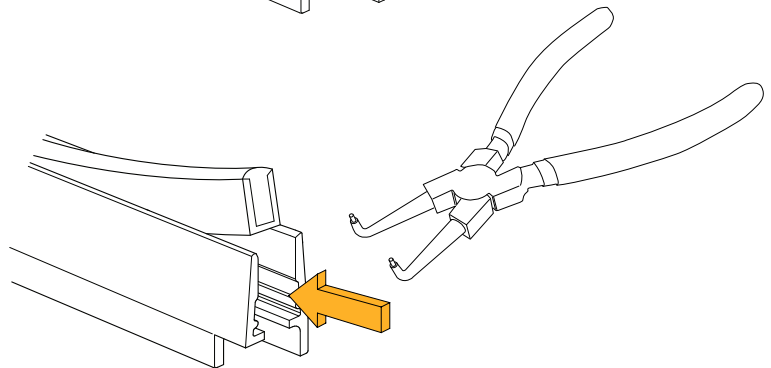
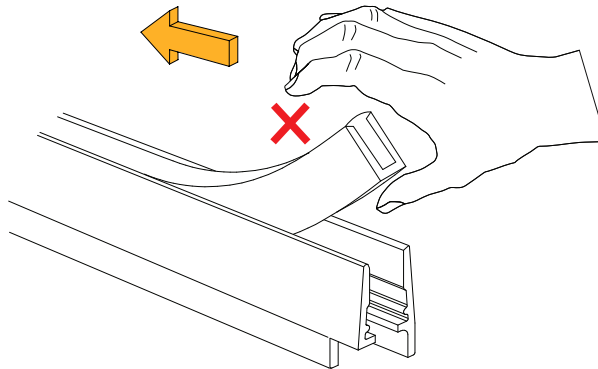
Removing Luminaire from Profile or Clip

Do not pull Luminaire up and back simultaneously from Profile. Doing so will likely damage electronics.

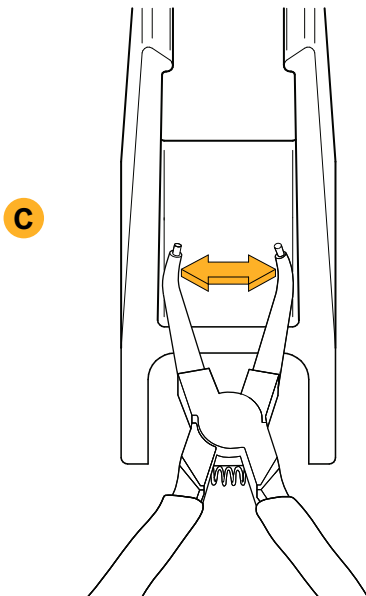
Instead...



a Lift end of Profile slightly.

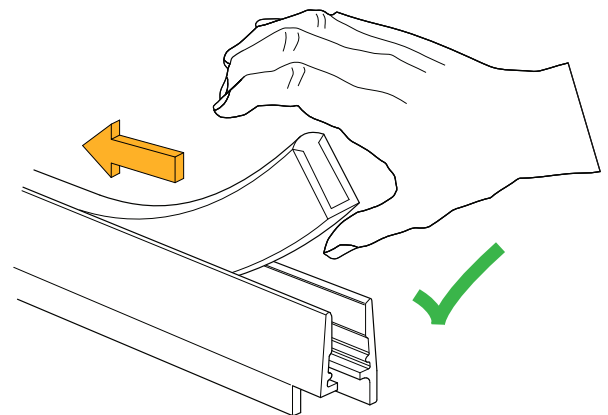


b Insert bent nose pliers into Profile underneath Luminaire.



Spread sides of Profile apart slightly

Luminaire may be lifted out of Profile



d Continue to lift Luminaire out along length of Profile. If a tight spot is reached, re-insert bent nose pliers and spread sides of Profile to ease removal.

Need Help?

Use same technique to remove Luminaire from Clip.

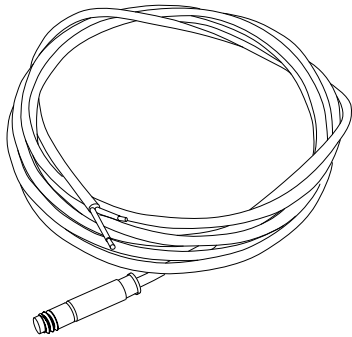
Rubber 2D Mini (Side Bend)

LL-RUB-2D MINI

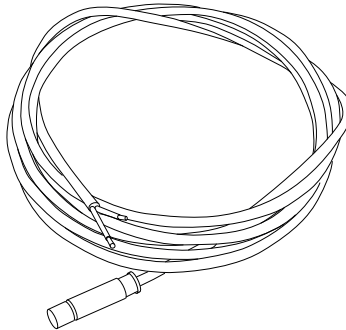
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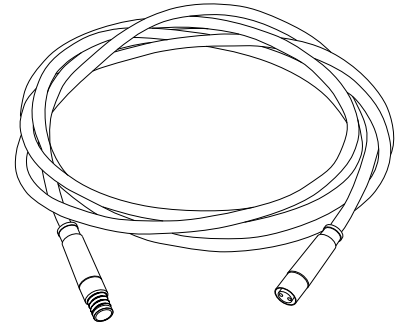
Cables



E-W200002 78.7"(2m)
Feed Cable, Female
2-Pin to Bare Leads



E-W200001 78.7"(2m)
Feed Cable, Male
2-Pin to Bare Leads



E-W200007 196.8"(5m)
Extension Cable,
Male-Female 2-Pin

Need
Help?