

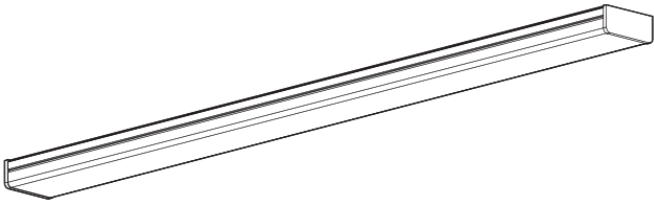
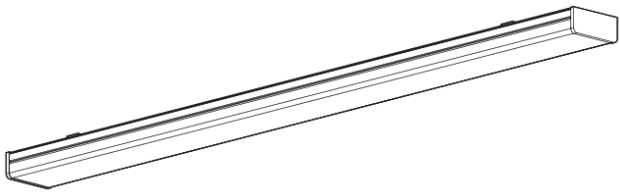
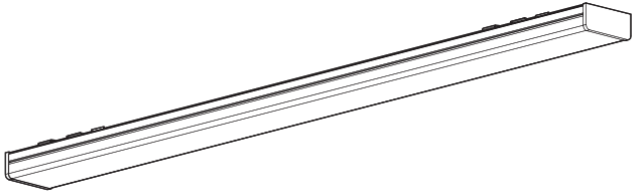
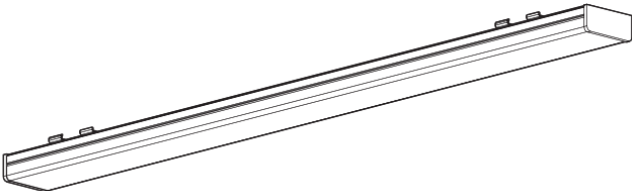
## luminii BAR-XX Linear Illumination System Instruction Manual

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**Please read all instructions prior to installation and keep them for future reference!**

1. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN.
2. USE ONLY WITH A CLASS 2 POWER UNIT.
3. 24 VOLTS DC.
4. SUITABLE FOR DAMP LOCATIONS.
5. SURFACE MOUNT ONLY
6. SUITABLE FOR INSTALLATION WITHIN THE CLOSET STORAGE SPACE.
7. INHERENTLY PROTECTED

	
Bara w/ magnetic mounting	Bara w/ fixed mounting clip or drywall clip
	
Bara w/ 9/16" mounting T-bar clip	Bara w/ 15/16" mounting T-bar clip

\*LUMINII RESERVES THE RIGHT TO CHANGE SPECIFICATION & INSTRUCTION WITHOUT NOTICE

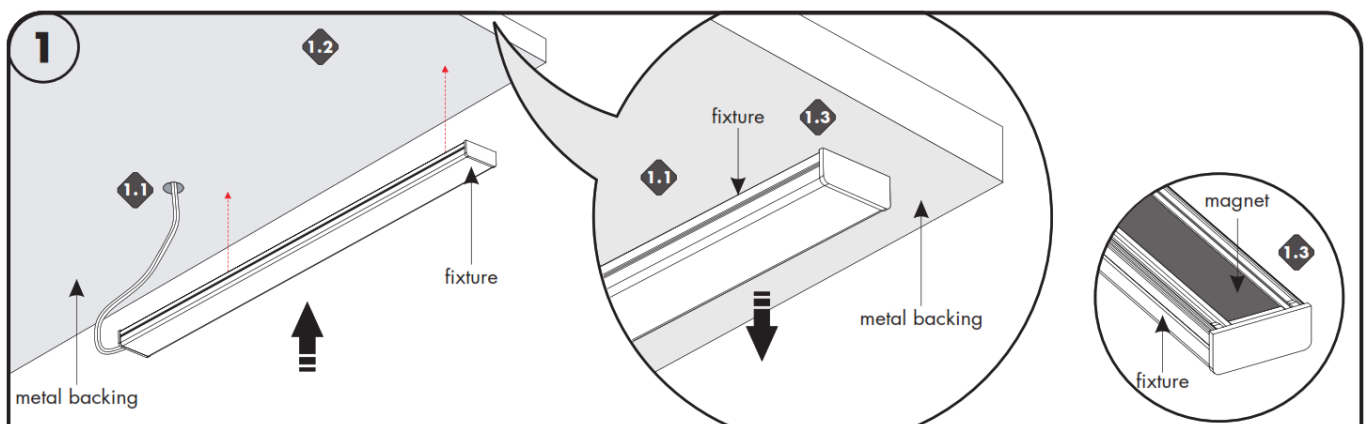
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## Magnetic Installation

**Note:** Prior to installation all 24VDC wires must be present near the fixture. Refer to the power supply installation instructions for additional information.

**Note:** More than one person is recommended for this installation.



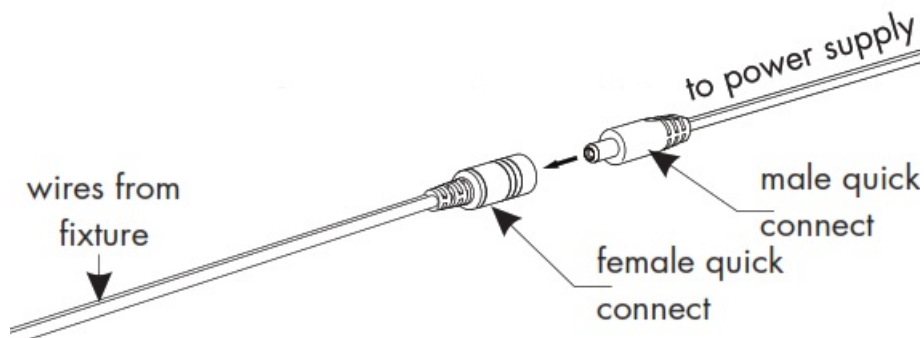
1.1 If necessary make any pass-through holes for wire lead/connector to the surface, depending on the power feed option.

1.2 Clean the surface area thoroughly from any debris. Must be made of steel or a ferrous metal

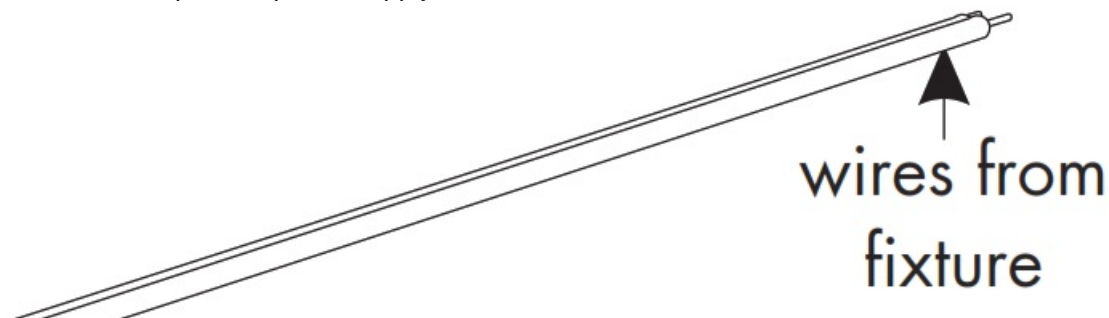
1.3 Snap the fixture onto the metal surface. If the necessary fixture can easily be removed by pulling off the surface and repositioning correctly.

2.1 Follow one of the two options to connect the fixture to the power supply.

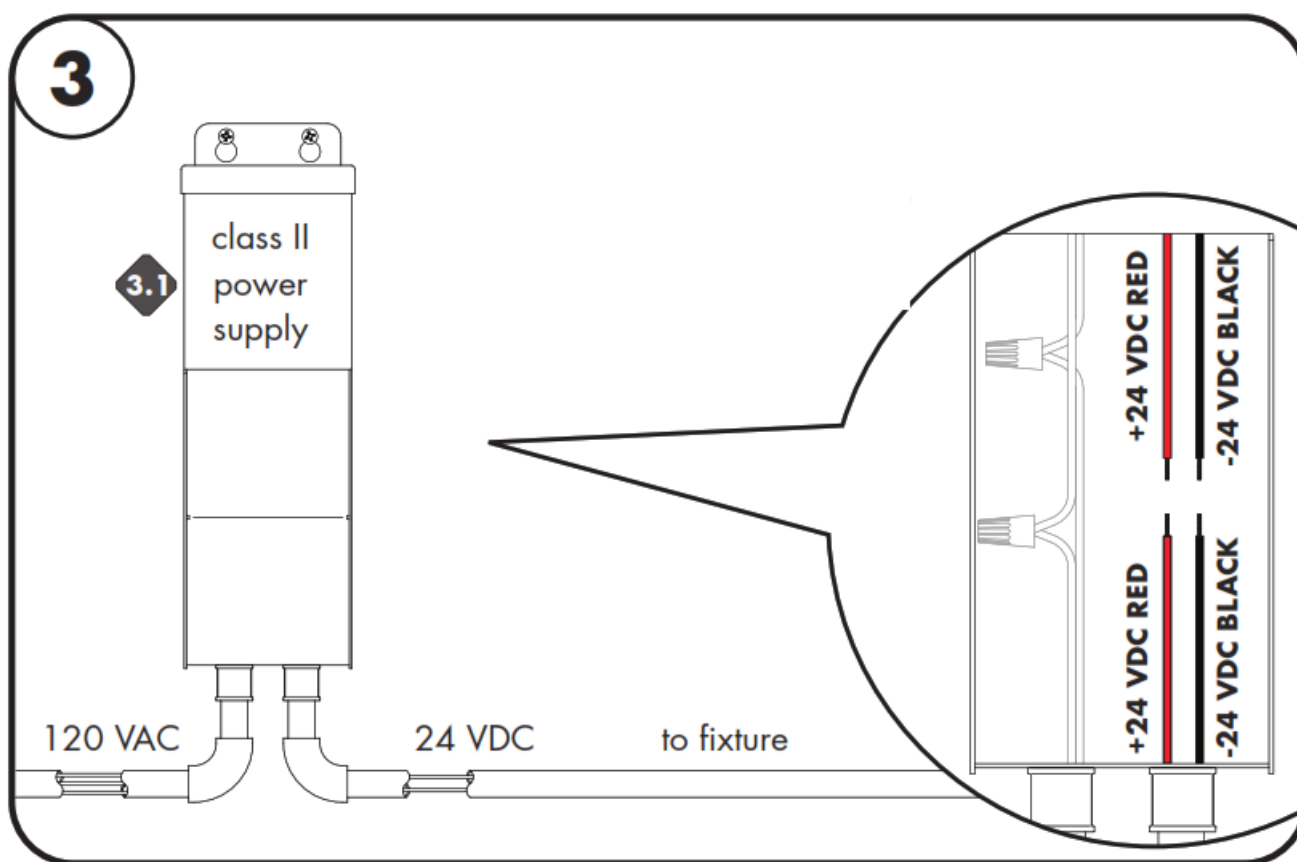
**Option 1**— Secure female quick connect to male quick connect. Feed male quick connects wire through the conduit to the power supply.



**Option 2**- Feed wire whip to the power supply.



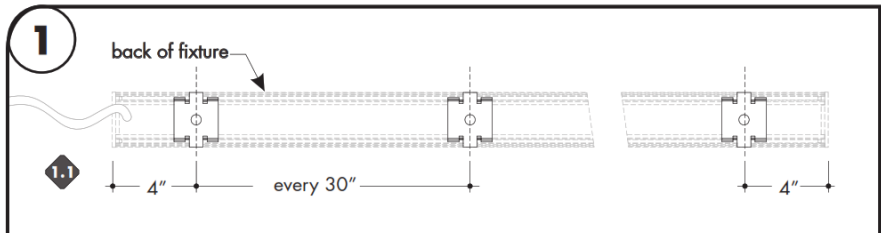
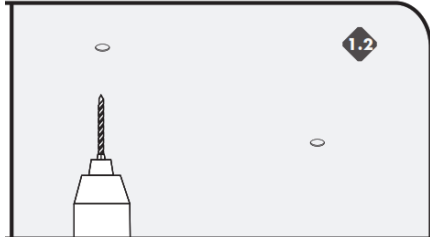
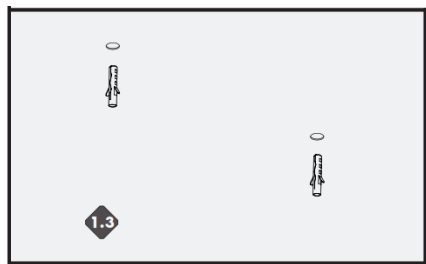
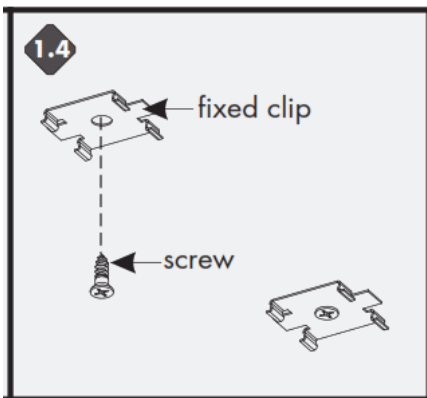
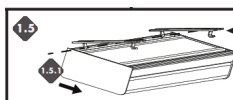
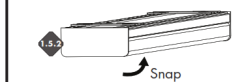
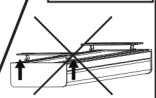
**3.1** Connect +24 VDC red wire from the fixture to the power supply +24 VDC red wire with a wire nut. Connect -24VDC black wire from the fixture to power supply -24VDC black wire with a wire nut.



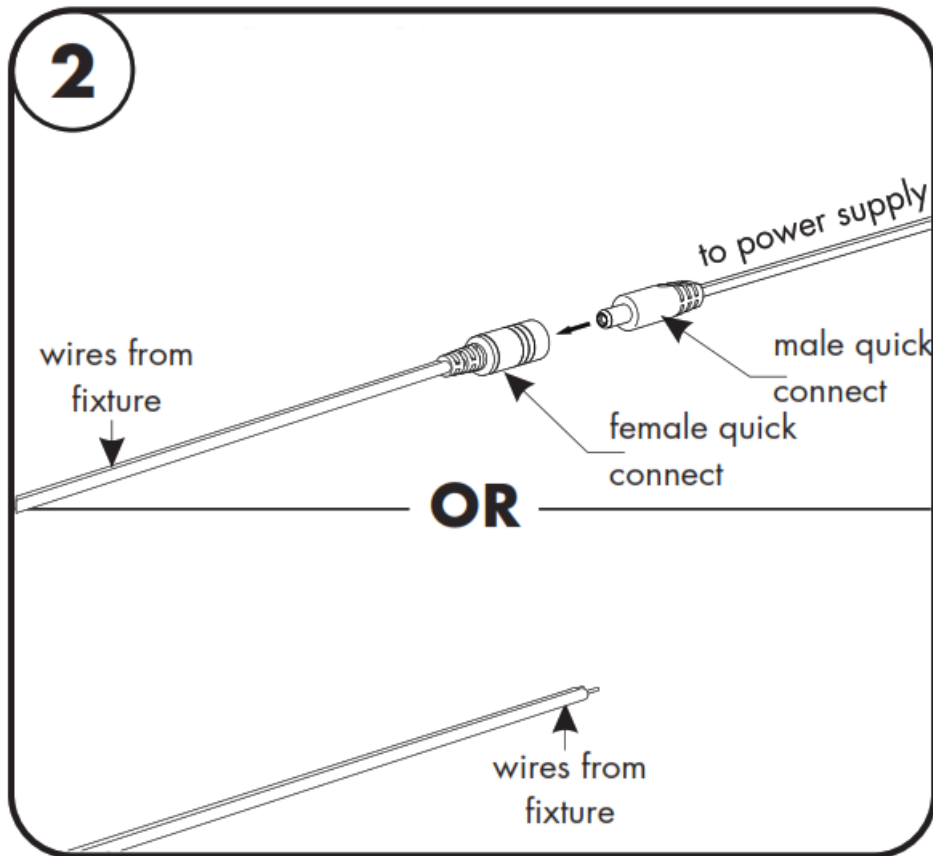
### Fixed Mounting Clip Installation

**Note:** Prior to installation all 24VDC wires must be present near the fixture. Refer to the power supply installation

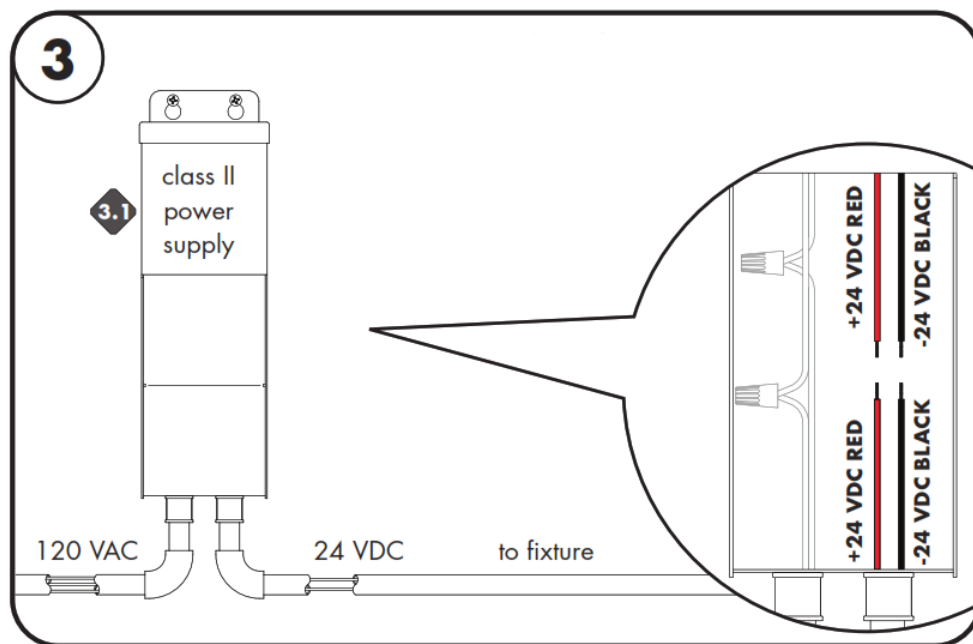
instructions for additional information.  
**Note:** More than one person is recommended for this installation.

<div><div>1</div><div><div>1.1</div><div></div></div></div>	<div><div>1.2</div><div></div></div>	
<p>1.1 Determine the location of where the fixture(s) will be installed. Lay the fixture(s) on the surface, and make any necessary reference marks for the fixed mounting clips. Make marks 4" from each end of the fixture(s) and also every 30" in between.</p>	<p>1.2 Drill holes using a 0.180" Ø drill bit.</p>	
<div><div>1.3</div><div></div></div>	<div><div>1.4</div><div></div></div>	<div><div>1.5</div><div><div><div><div>1.5.1</div><div></div></div><div><div>1.5.2</div><div></div></div></div><div><div>Note: DO NOT snap two sides at the same time.</div><div></div></div></div></div>
<p>1.3 Insert plastic drywall anchors, hammering flush to the drywall surface.</p>	<p>1.4 Place bracket over drywall anchor and fasten to drywall using a #4 SS screw, .075" long.</p>	<p>1.5 Clip on the light fixtures</p> <p>.1 Align the light fixture to one side of the clips and make sure the fixture is held.</p> <p>.2 Snap on the other side.</p>

2.1 Follow one of the two options to connect the fixture to the power supply.  
**Option 1**– Secure female quick connect to male quick connect. Feed male quick connects wire through the conduit to the power supply.  
**Option 2**– Feed wire whip to the power supply.



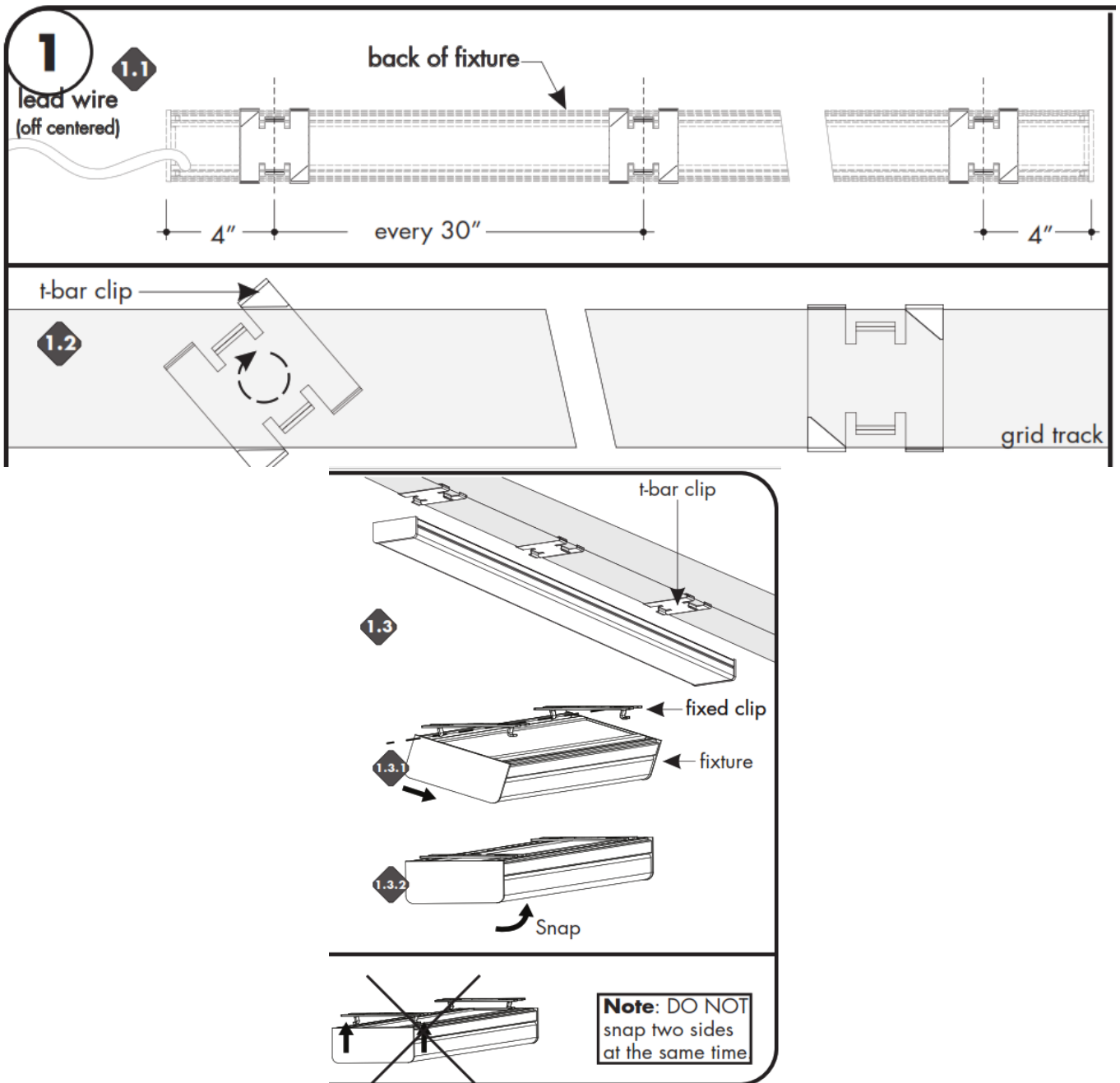
3.1 Connect +24 VDC red wire from the fixture to the power supply +24 VDC red wire with a wire nut. Connect -24VDC black wire from the fixture to the power supply -24VDC black wire with a wire nut.



## T-Bar Clip Installation

**Note:** Prior to installation all 24VDC wires must be present near the fixture. Refer to the power supply installation instructions for additional information.

**Note:** More than one person is recommended for this installation.



1.1 Prior to installing the fixture on the grid, reference the back of the fixture to take into consideration end caps & power feed. In addition, take into account the lead wires they are slightly off-centered.

1.2 Then align & rotate to secure each t-bar clip to the track. Install a t-bar clip 4" from each end of the fixture and also one every 30" in between the fixture.

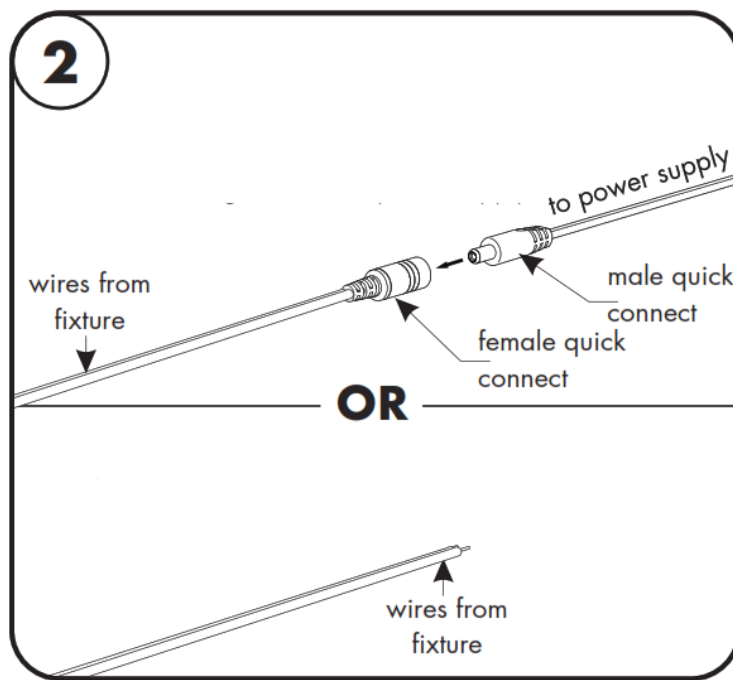
1.3 Clip on the light fixtures

1. Align the light fixture to one side of the clips, and make sure the fixture is held.
2. Snap on the other side.

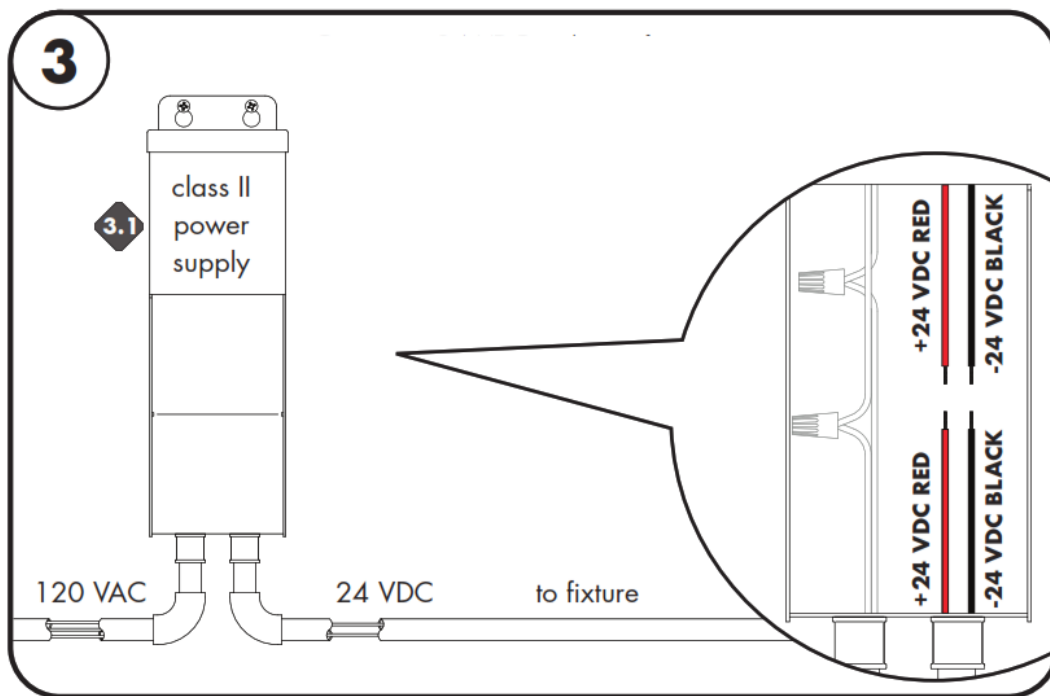
2.1 Follow one of the two options to connect the fixture to the power supply.

**Option 1**– Secure female quick connect to male quick connect. Feed male quick connects wire through the conduit to the power supply.

**Option 2**– Feed wire whip to the power supply.



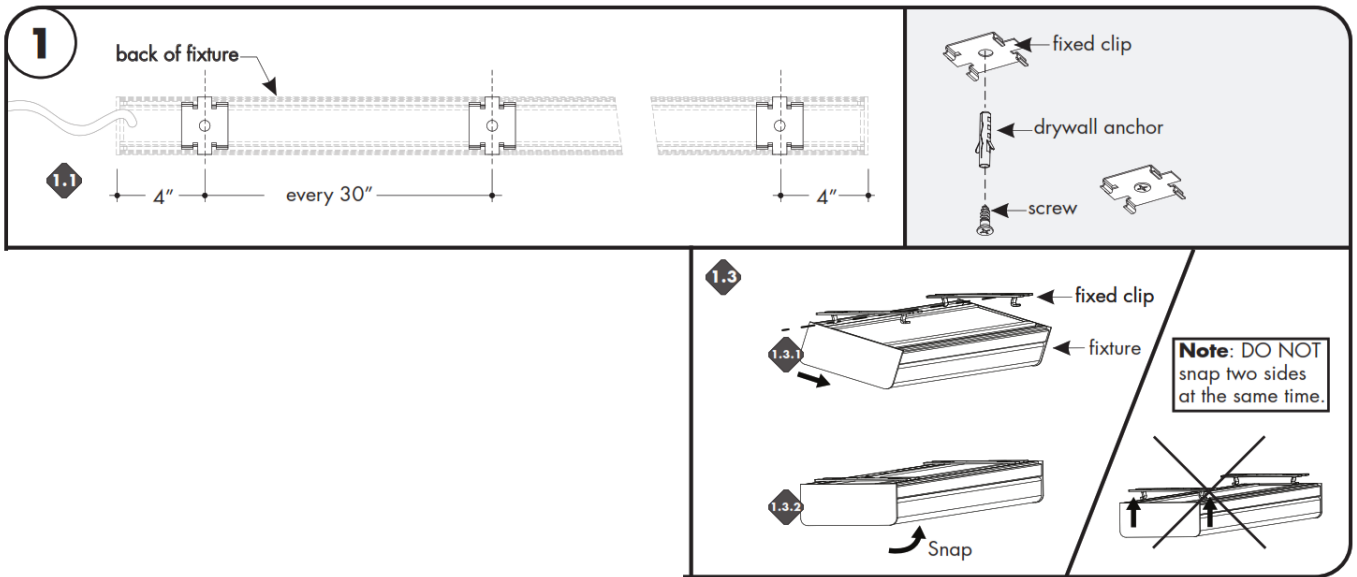
3.1 Connect +24 VDC red wire from the fixture to the power supply +24 VDC red wire with a wire nut. Connect -24VDC black wire from the fixture to the power supply -24VDC black wire with a wire nut.



## Drywall Installation

**Note:** Prior to installation all 24VDC wires must be present near the fixture. Refer to the power supply installation instructions for additional information.

**Note:** More than one person is recommended for this installation.



1.1 Determine the location of where the fixture(s) will be installed. Lay the fixture(s) on the surface, and make any necessary reference marks for the fixed mounting clips. Make marks 4" from each end of the fixture(s) and also every 30" in between.

1.2 Lay the fixed clip onto the reference mark points. Drill a 3/16" hole and insert the drywall anchor. Lay down the clips and secure with the screw.

1.3 Clip on the light fixtures

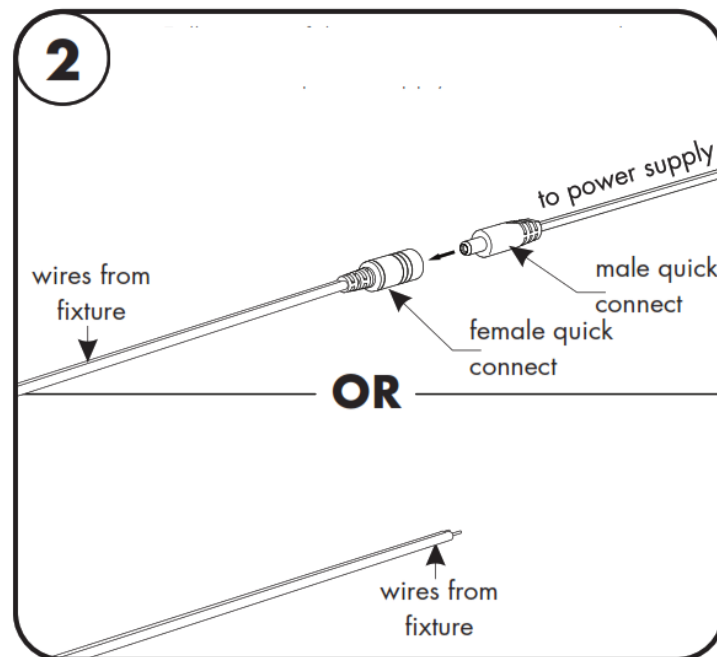
1. Align the light fixture to one side of the clips, and make sure the fixture is held.

2. Snap on the other side.

2.1 Follow one of the two options to connect the fixture to the power supply.

**Option 1**– Secure female quick connect to male quick connect. Feed male quick connects wire through the conduit to the power supply.

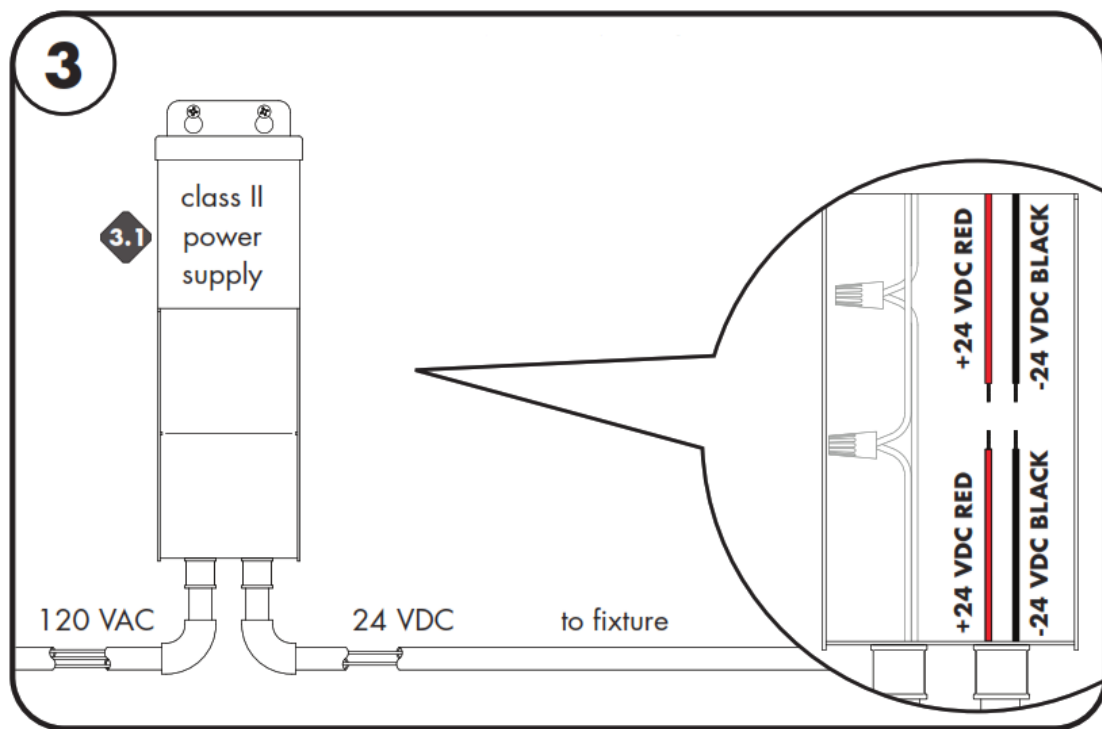
**Option 2**– Feed wire whip to the power supply.



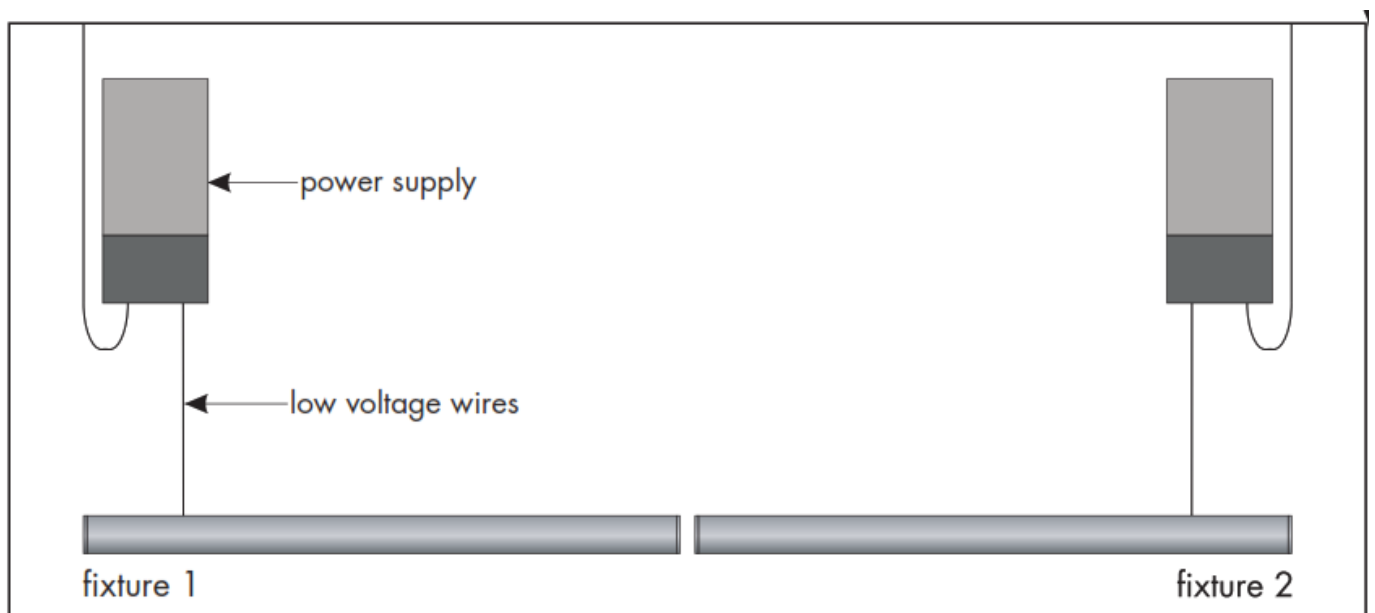
3.1 Connect +24 VDC red wire from the fixture to the power supply +24 VDC red wire with a wire nut.

Connect -24VDC black wire from the fixture to the power supply -24VDC black wire with a wire nut.

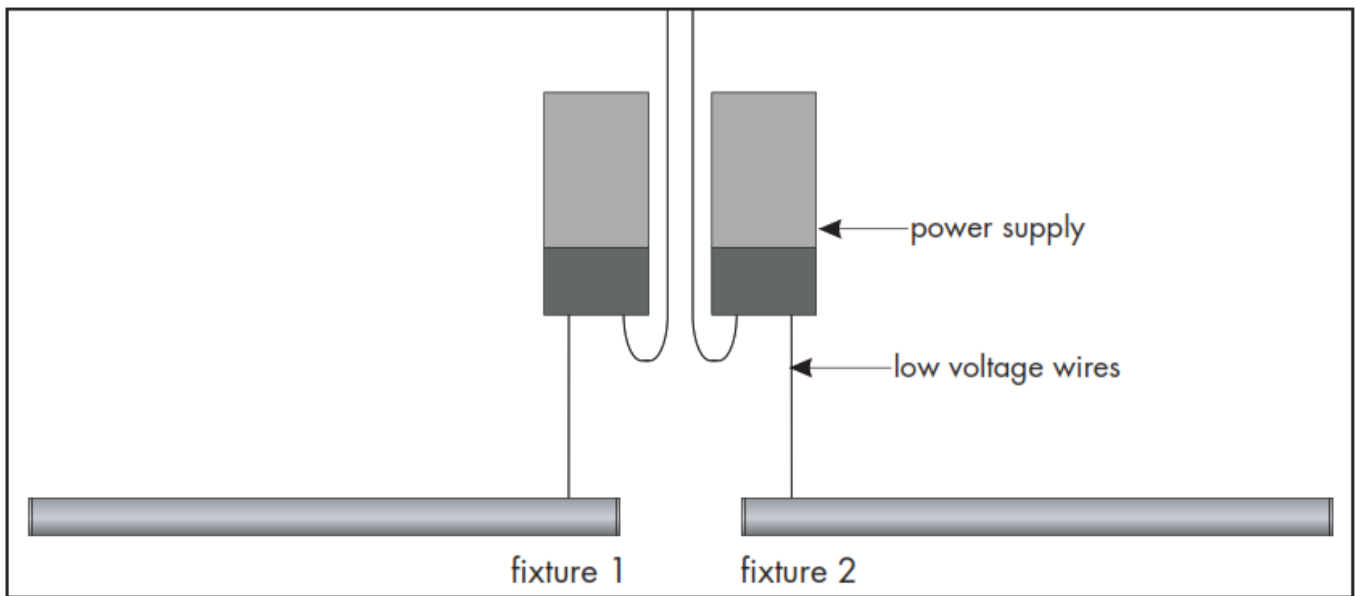




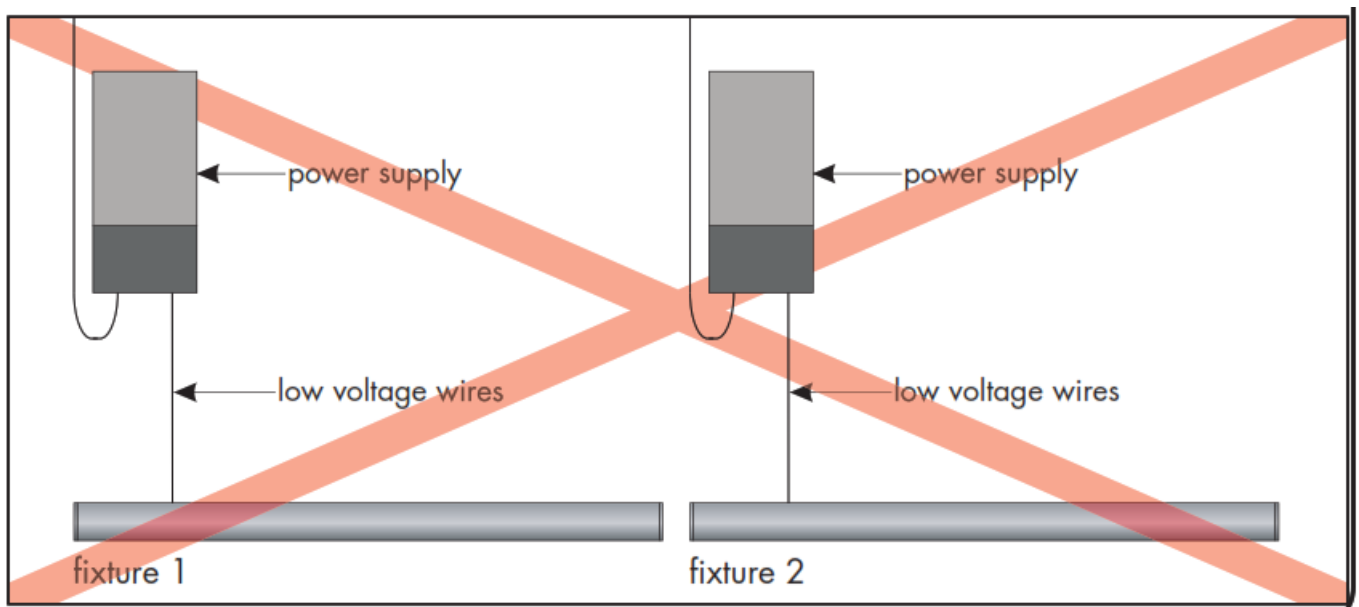
**power supplies at the end of the run**



**power supplies in the middle of the run**



consecutive layout, NOT RECOMMENDED



**LISTED**

REV0.3

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PLENUM FOR SUCH USE IN  
ACCORDANCE  
WITH UL2043

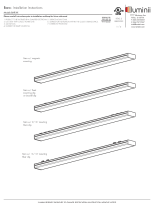


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## Documents / Resources

	<p><a href="#">luminii BAR-XX Linear Illumination System</a> [pdf] Instruction Manual BAR-XX, Linear Illumination System, BAR-XX Linear Illumination System, Illumination System</p>
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## References

-  [Home - Luminii](#)