

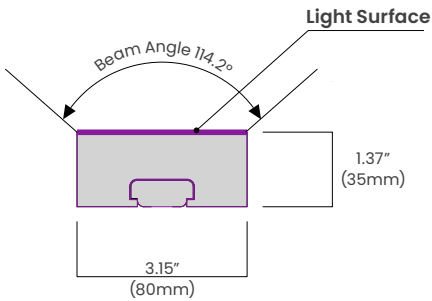


Please note that these instructions are guidelines only and in no way supersede any construction or installation standards.
Local building and electrical codes should be consulted before installation.

ATTENTION

- There is potential danger of electrical shock when operating electrical components.
- Make sure power is turned off before installation.
- Allow for heat dissipation and adequate ventilation.

Figure 1



Average Beam Angle (50%): 114.2°

Figure 1.

BL Neonview Wide 3 can bend vertically, as shown in the drawing. It cannot bend sideways or twist.

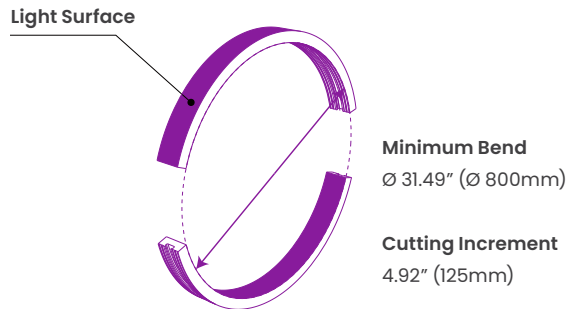


Figure 2

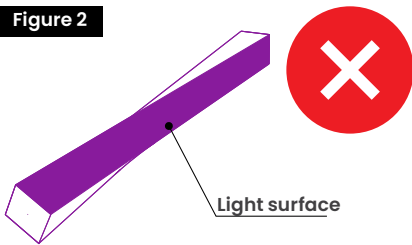


Figure 2.

Unpack **Wide 3** for installation. Handle with care, and do not twist or bend the lighting in the wrong direction or internal damage may occur.

Figure 3

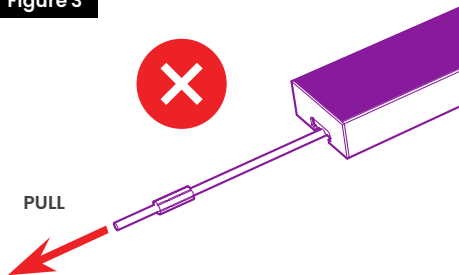


Figure 3.

To avoid damage, never pull, bend, twist, or put strain on the lead wires at the junction.

Figure 4

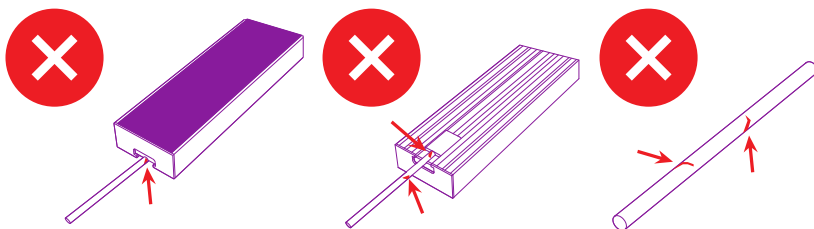


Figure 4.

Do not install or use if Termination Lead Wires or junctions are damaged or scratched.



Figure 5

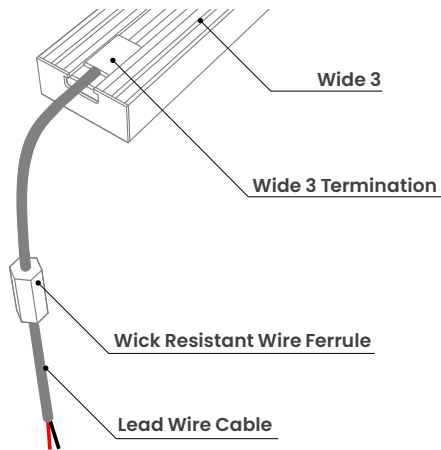


Figure 5.

Do not remove the wick-resistant wire ferrule. It is designed to reduce the risk of water ingress through the cable if the waterproofing of a field connection or cable joint is inadequate or fails.

All **Wide 3** termination lead-wire connections must be properly sealed to prevent moisture from entering the cable. Make all cable-joint connections in a suitable weatherproof junction box.

Figure 6

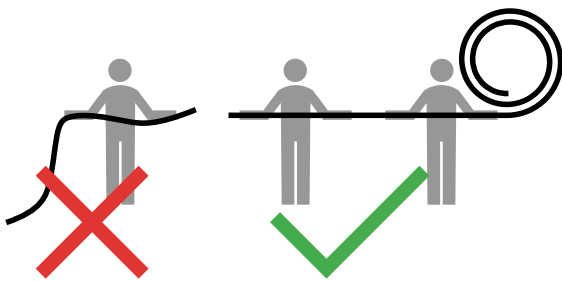


Figure 6.

One person is required to mount **Wide 3** into Mounting Channel or Clips, and a second person to support the length of LED during installation.

Do not bend the luminaire past the minimum diameter, and do not twist or bend in the opposite direction of its specified bending direction to avoid damage to the internal circuit board. (Please refer to Figures 2-4)

Please refer to technical data sheets for detailed information.



For installation using Aluminum Mounting Channel or Clips

Figure 7.

Measure and cut the aluminum mounting channel to the required length. Position the channel or mounting clips along the planned layout. When using mounting clips, install at least two clips per foot as recommended.

Ensure that the mounting surface, channel or clips are smooth and free of debris. Remove all burrs from cut channel ends before installation.

Secure the channel or clips with fasteners suitable for the mounting surface. For the channel, use the provided mounting holes, spaced 9.76" (248 mm) apart.

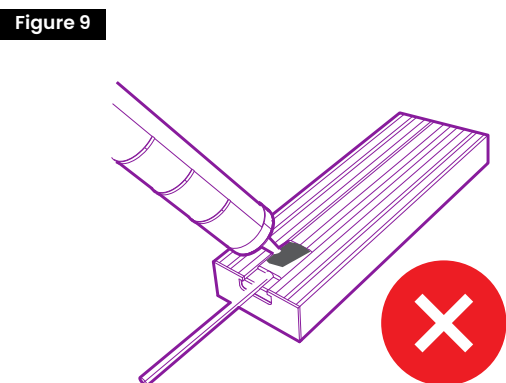
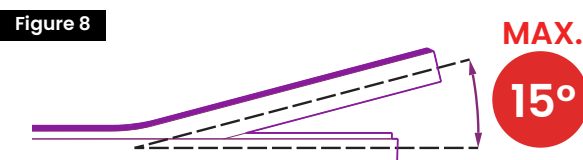
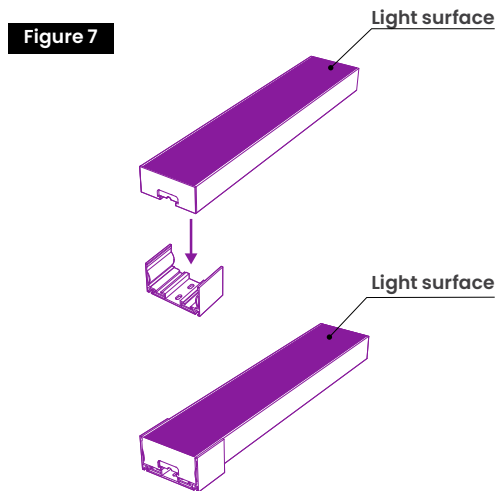
Self-tapping screws up to M4 or #10 are recommended for wood or metal mounting surfaces, subject to compatibility with the approximately 5 mm mounting holes. For other surfaces, use suitable anchors and compatible screws. Ensure that the screw heads do not interfere with seating Wide 3.

Figure 8.

Press gently, using the palm of your hand to apply a light pressure to securely seat **Wide 3** fully into the channel or clip, until the light is fully engaged, taking care not to twist or place at an angle exceeding 15° to avoid damage to the internal circuit board. Installation requires two people: one person to seat **Wide 3** in the mounting channel or clips, and a second person to support the remaining length.

Figure 9.

Never coat the **Wide 3** Termination Kit junction where the lead wire enters the fixture with sealants and adhesives.



For Installation with Flexible Mounting Channel

Figure 10.

Twisting, excessive bending, or bending other than in the specified bending direction of the LED may damage the lighting.

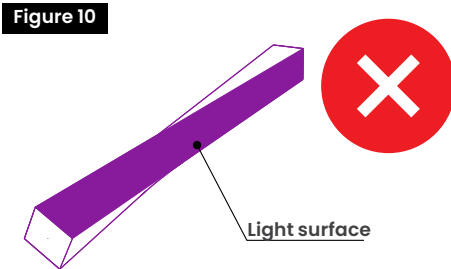
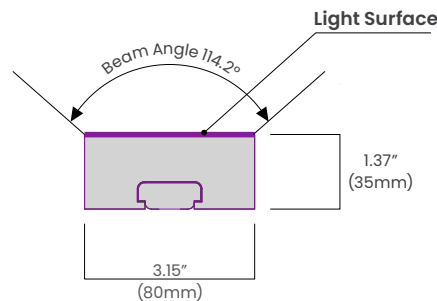
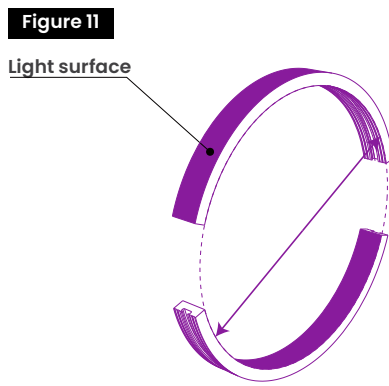


Figure 11.

Flexible Mounting Channel is for use with vertical bending **Wide 3**.



Average Beam Angle (50%): 114.2°
Wide 3: 3.15" x 1.37" (80 mm x 35 mm)
Min. Bend Radius: 15.75" (400 mm)

Figure 12.

Mark out the required shape on the mounting surface, observing the minimum bending diameter of the Flexible Mounting Channel.

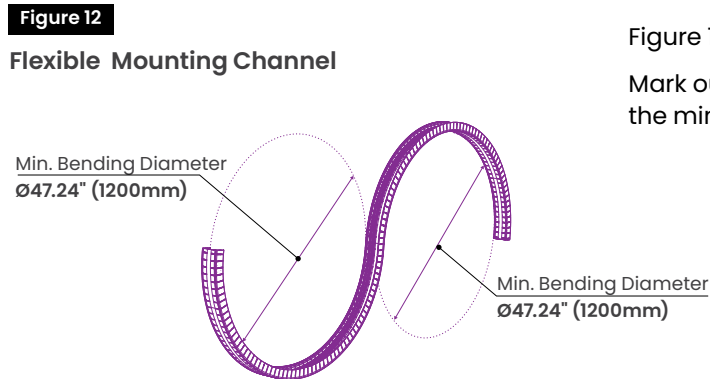
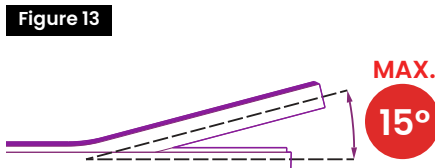


Figure 13.

Using the palm of your hand, gently press **Wide 3** into the mounting channel until fully seated. Do not twist the fixture. Keep the angle between **Wide 3** and the channel at 15° or less to avoid damaging the internal circuit board. For lengths in excess of 6ft(1.83m), a 2nd qualified installer is recommended to support the lighting at an appropriate angle during installation.



INSTALLATION

Figure 14

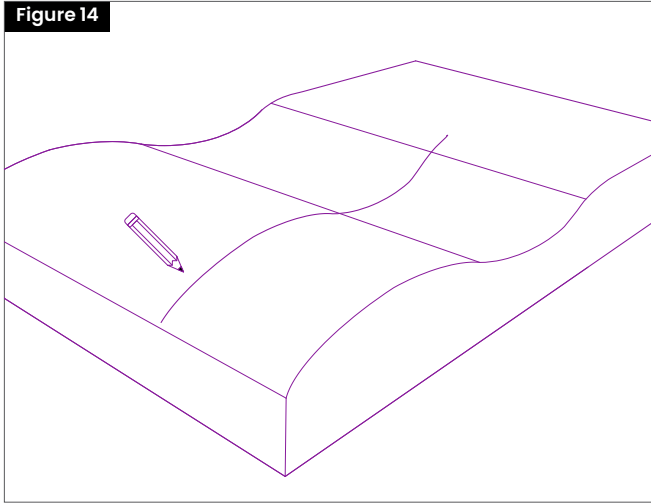


Figure 14.

Lay out and measure **Wide 3** Flexible Mounting Channel to required length. Ensure mounting surface and Channel are clean of debris and smooth, remove any burrs left from cutting channel prior to installation.

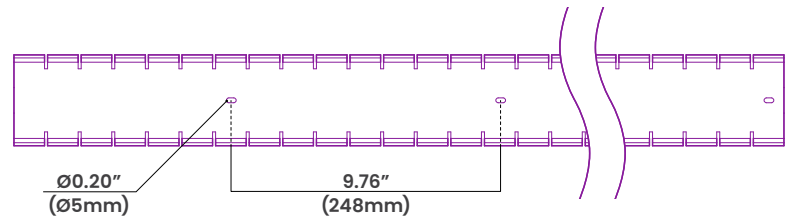


Figure 15

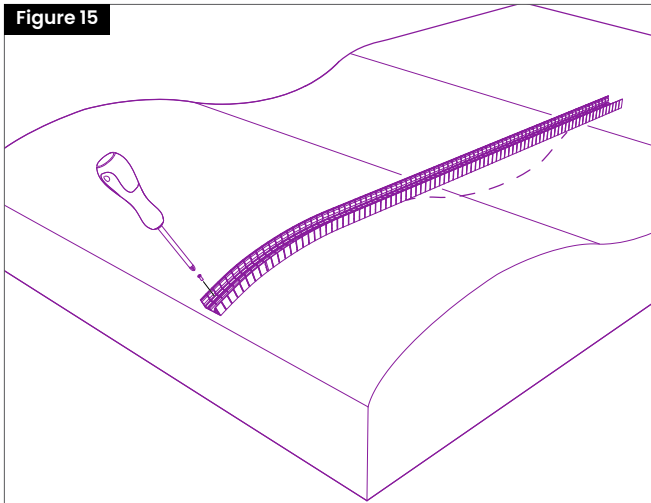


Figure 15.

Place the Flexible Mounting Channel to the surface, and fasten starting at the power feed end. Note that the **Wide 3** Termination is not meant to be installed inside of the Flexible Mounting Channel and must be located a minimum of 0.39\" (10mm) from the end of the Channel.

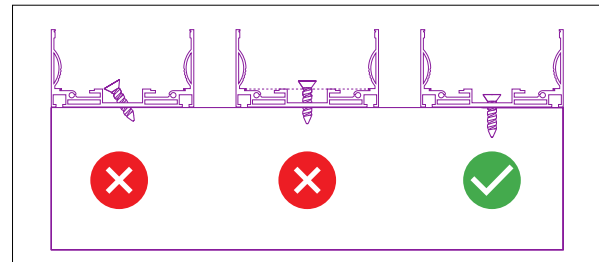


Figure 16

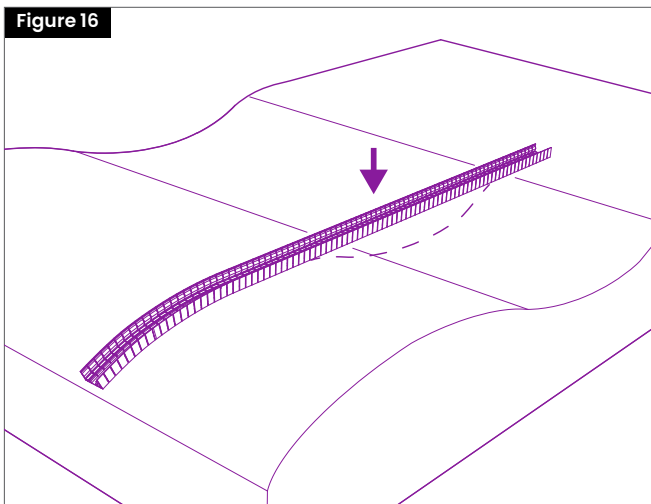


Figure 16.

Carefully form the flexible mounting channel to the desired shape. Maintain a minimum bend diameter of 47.24\" (1,200 mm). Tighter bends may dent or buckle the channel.



Figure 17

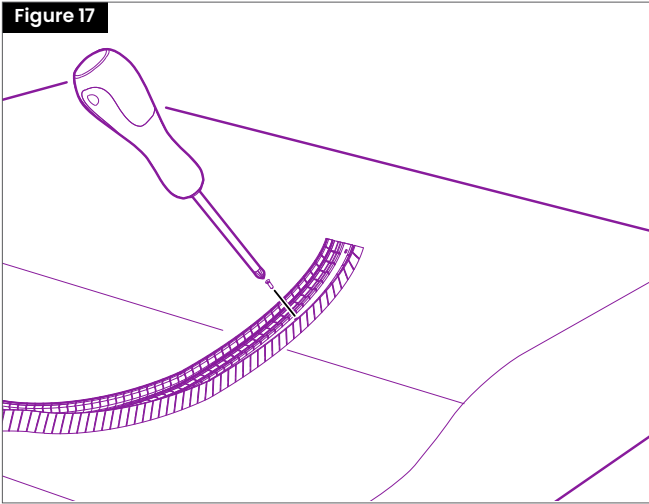


Figure 17.

Continue fastening the channel along the marked path.

Figure 18

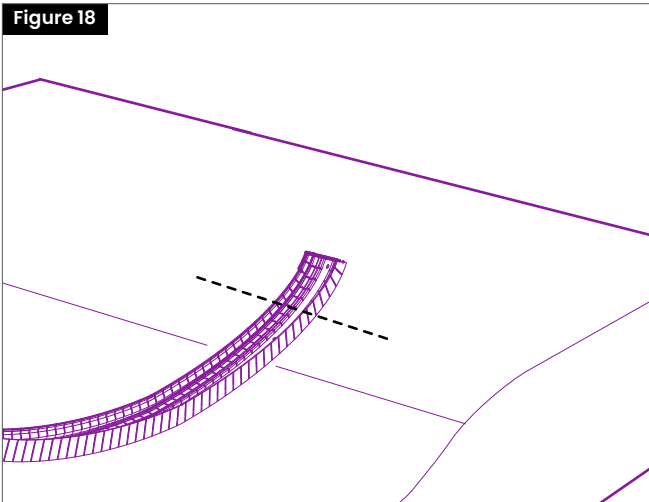


Figure 18.

Once the channel is securely mounted, carefully trim any excess Flexible Mounting Channel.

WARNING:

Do not repeatedly bend or reshape the channel, as this may damage it.



Figure 19

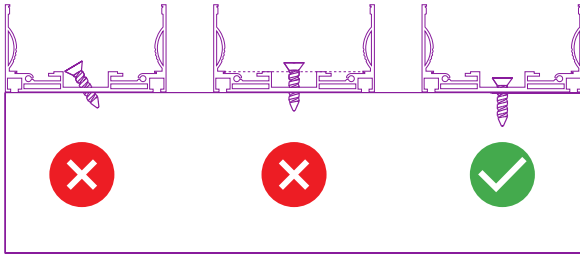


Figure 19.

Ensure screws are seated and positioned properly, with the screw head in line with, or below, the base of the Mounting Channel or Clip. Mount the fixture using the through holes provided in the base of the Mounting Channel or Clip. Self tapping screws up to size M4, or #10, are recommended for mounting on wood or metal plate surfaces, and may be appropriate for other surfaces in combination with wall plugs.

Figure 20

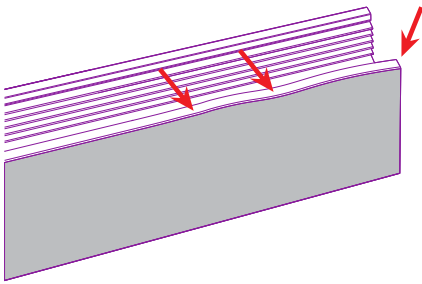


Figure 20.

Do not use any damaged or deformed Mounting Channel.

Figure 21

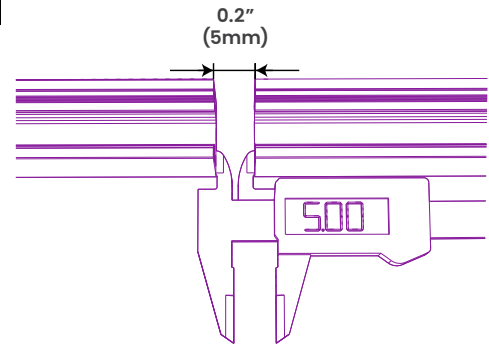


Figure 21.

When placing the Mounting Channel, space a minimum of 0.2" (5mm) apart to allow for expansion and contraction at the joint.

Figure 22

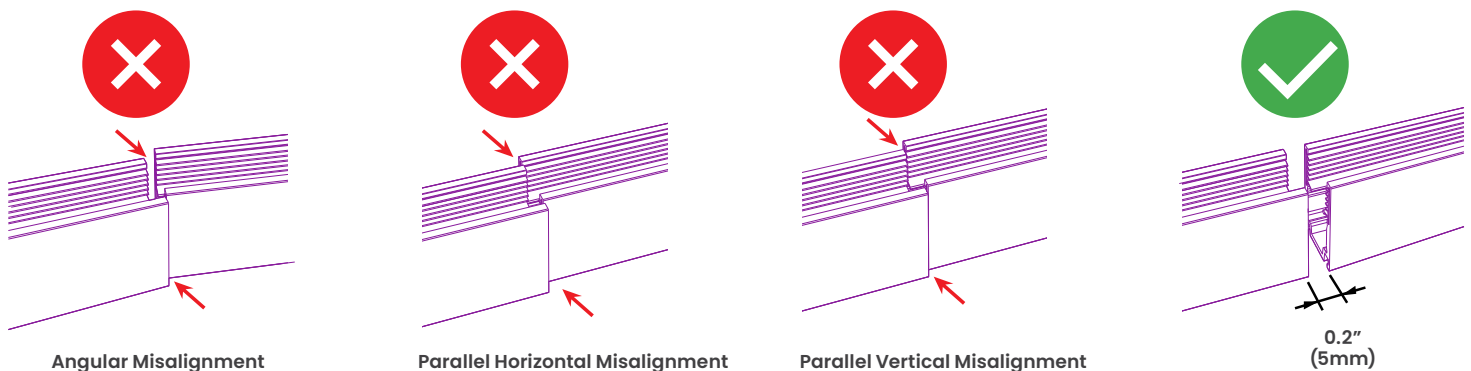


Figure 22.

Ensure Mounting Channels are installed in proper alignment. Misalignment could cause improper bending of **Wide 3** and lead to damage or failure.



Figure 23

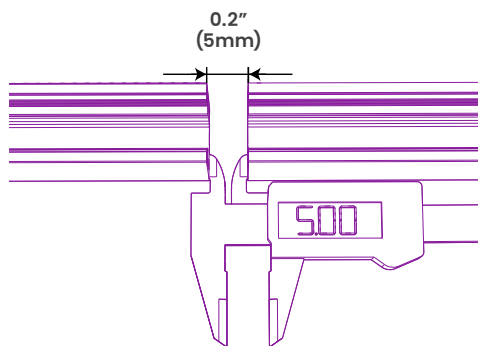


Figure 24

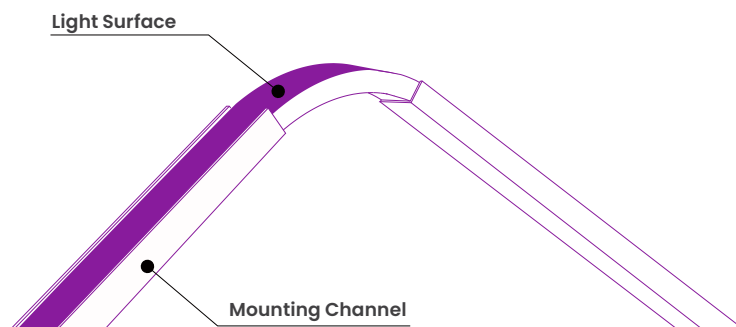


Figure 25

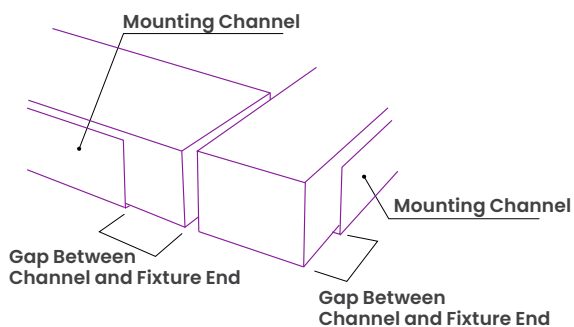


Figure 23-25.

For curved installations, leave adequate space between Aluminum Mounting Channels to accommodate bends, or use the Flexible Mounting Channel.

Wide 3 CANNOT be bent at a 90° angle. Mounting channels may meet at right angles only when two separate **Wide 3** runs are positioned end-to-end without touching. Maintain sufficient clearance between the channel sections and fixture ends to allow for thermal expansion and contraction.

Refer to the latest Technical Data Sheets at www.bllighting.com for minimum bending diameter requirements.

Figure 26

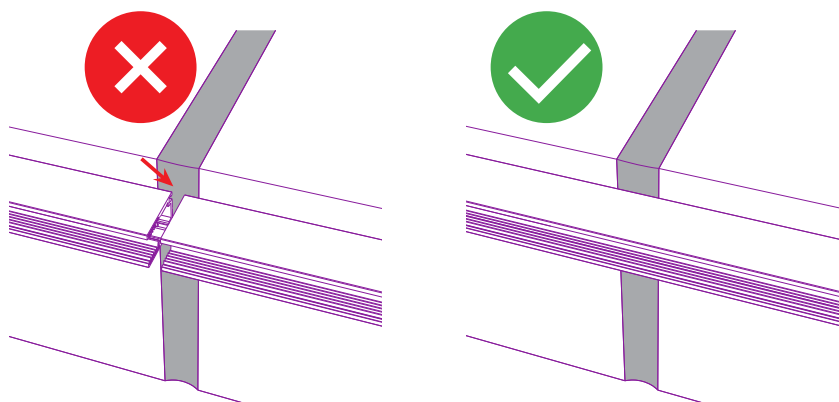


Figure 26.

When installing the Mounting Channel over a joint or gap, ensure the Mounting Channel is installed spanning over the joint to avoid damage by preventing misalignment due to expansion and contraction over time.



Figure 27

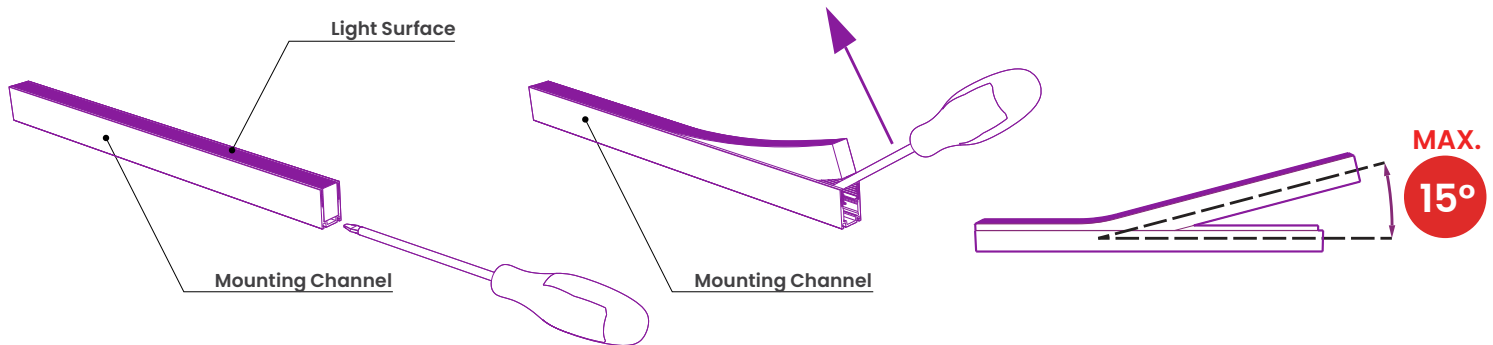


Figure 27.

Wide 3 is intended for permanent installation. Avoid repeated removal and reinstallation, as this may damage the fixture.

If removal is necessary, handle the fixture carefully. Use a flat-blade screwdriver to gently loosen one end from the mounting channel. Then slowly and evenly lift **Wide 3** out along its length. Keep the angle between the fixture and the mounting channel at 15° or less.

Installation requires two people: one to seat **Wide 3** in the mounting channel or clips and another to support the remaining length.

Do not energize **Wide 3** while it is coiled.

Use appropriately sized countersunk-head screws suitable for your application.

Operate **Wide 3** only within the ambient temperature range specified in the product's technical data sheet.

Visit www.bllighting.com for current specifications and technical information.

Install **Wide 3** only when the ambient temperature is between 32°F and 122°F (0°C and 50°C). Keep power disconnected throughout installation.

BL Lighting takes pride in providing quality lighting products designed to last, and our lighting goes through rigorous quality controls throughout the manufacturing process. This includes a final bench test which is conducted just prior to the shipment, ensuring that all lighting leaves our facility in good working order. It is recommended to bench test all lighting upon receipt and prior to final installation. Damage and shortage claims must be received within one week of receipt of goods.

Wide 3 operates on 24VDC; please check the voltage rating before starting. Refer to tables in the technical data pages for the power draw requirements. Install with an appropriate, BL Lighting supplied Class 2 rated LED Driver and Surge Protection Device. Consult the electrical code for details on selecting wire, mounting and installing power supplies/drivers. LED lighting is polarity sensitive. BL Lighting offers a range of dimmable and static LED drivers and power supplies, see www.bllighting.com for more details.

