

LLX18-Pixel - Installation Instructions

Models LLRGBX18-XX, LLRGBWX18-XX

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

1. PRODUCT SHOULD BE INSTALLED BY A QUALIFIED ELECTRICIAN.
2. ENSURE POWER IS OFF AT FUSE BOX PRIOR TO INSTALLATION TO PREVENT ELECTRICAL SHOCK.
3. USE ONLY WITH CLASS 2 POWER UNIT.
4. SUITABLE FOR DAMP LOCATIONS.
5. FOR UNDER CABINET OR SHELF MOUNT.
6. CONFORMS TO UL STD 2108. CERTIFIED TO CSA STD C22.2 NO.250.0.



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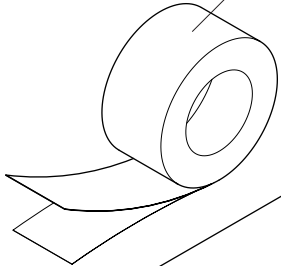
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Attention: Always test LLX18-Pixel before installing.
Connect LLX18-Pixel to power supply to ensure it is working properly and no damage has occurred during shipping.

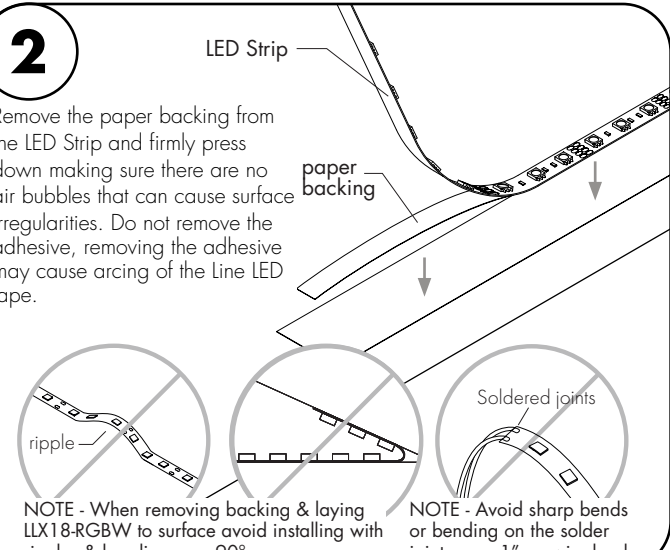
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HST - aluminum heat sink tape

Clean the area thoroughly where the LLX18-RGBW will be installed. Use the included Heat Sink Tape for installation of LLX18-RGBW on non-aluminum and non-copper surfaces to ensure proper heat dissipation. LLX18-RGBW may not reach it's rated average life when installed otherwise.

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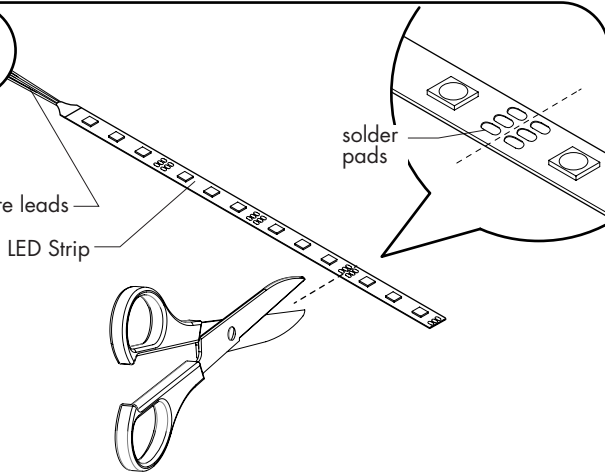


Remove the paper backing from the LED Strip and firmly press down making sure there are no air bubbles that can cause surface irregularities. Do not remove the adhesive, removing the adhesive may cause arcing of the Line LED tape.

NOTE - When removing backing & laying LLX18-RGBW to surface avoid installing with ripples & bending over 90°.

NOTE - Avoid sharp bends or bending on the solder joints near 1" on wire lead.

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wire leads
LED Strip
solder pads

If required for installation, cut the LLX18-Pixel strip between two rows of solder pads. Always cut LLX18-Pixel from end without connector / wire leads.

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- 4.1 Place the strain relief in desired place. Make sure it is 3" away from the end of the strip.
- 4.2 Slide the zip tie through strain relief opening.
- 4.3 Lay wire lead on top of strain relief.
- 4.4 Tighten zip tie around lead wire. Cut off excess zip tie.

Labels: Screw, LL-ZIP Strain relief, Wire lead, Zip tie

Can also be placed horizontally as an option.

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Labels: Screw, CL1 Mounting Clip

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RECOMMENDED LAYOUT FOR MULTIPLE ADJACENT RUNS OF LINELED FED WITH SEPARATE POWER SUPPLIES

Position power supplies either in the middle of two runs or at the opposite ends.

Labels: power supply, LineLED

power supplies placed in the middle of two adjacent runs

power supplies placed at the opposite ends of two adjacent runs

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Power Supply Wiring Diagram

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



Pixel
Wiring Diagram PDF