

Snap-N-Light™

Mounting Channel Installation

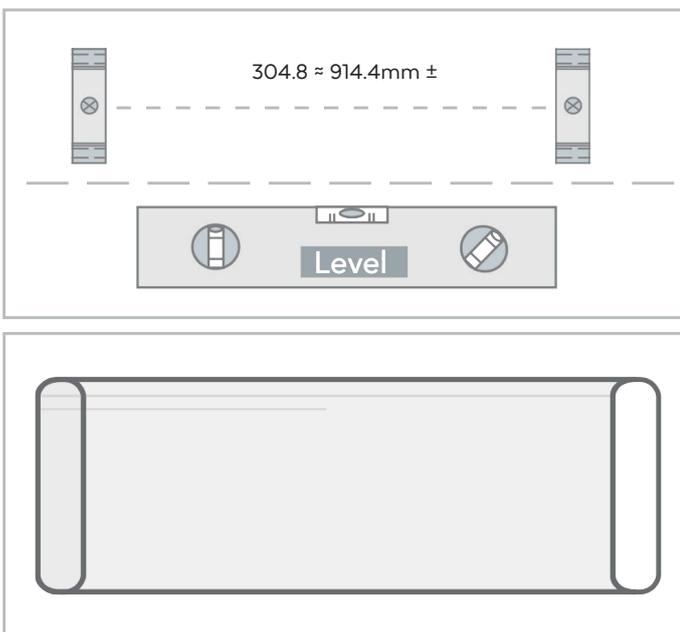
Our engineered mounting channels are designed to protect Light Tape® from tampering and the outdoor environment. Constructed from high grade polycarbonate, they have tremendous impact resistance and weatherability. The system is either installed using clips or adhesive depending on building surface.

In order for our system to work for years, it is important that Light Tape® is mounted properly. All outdoor installations MUST be mounted using our mounting channels to allow the Light Tape® and subsurface to expand and contract due to changes in the weather. Any LightTape® used in outdoor installations without mounting channels, unless otherwise authorised, will void warranty.

A few simple rules and suggestions for the proper installation:

- DO NOT bend mounting channel around corners when mounted outdoors. A sharp bend of the mounting channel will pinch the Light Tape® inside causing delamination and lamp failure.
- All segments should be sealed per Electro-LuminX's procedure. We recommend factory seals for all outdoor installations.
- Be sure to specify connection end - left or right side - so the channel is pointing in the correct direction. This will ensure the drainage slot is on the bottom.
- The connector will extend about 4.5" (11.4 cm) beyond the lit portion of the lamp on the end.
- Always consult local electrical codes for wiring regulations and installation requirements. All connections should be in a junction box.
- For outdoor applications, Light Tape® should be controlled using a timer to prevent daytime operation. Operation in direct sunlight leads to over excitation of the phosphors.

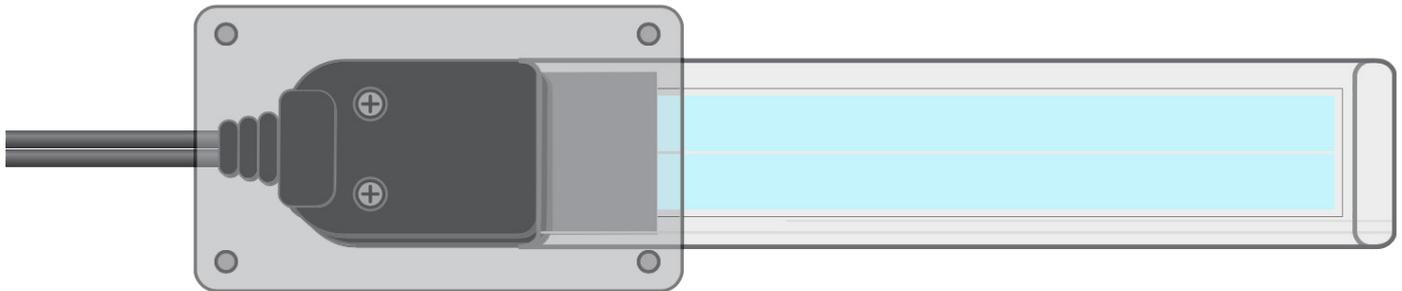
Follow the below step-by-step outdoor mounting instructions to ensure that Light Tape® is installed properly.



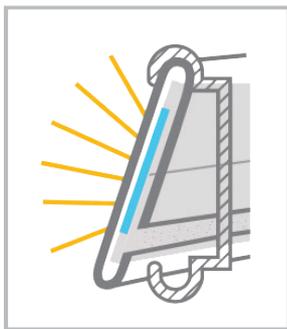
We recommend using flat seat screws such as the pan head below. Angle seated screws such as the flat head can cause damage (cracking) to the mounting clips.



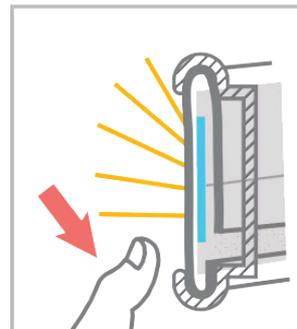
1. Clean the surface and mark a chalk line using a level. Mount clips on 12" (304.8 mm) centers, depending on surface, with #10 screws. Mount with the first clip 1" (25.4mm) from the connector end of the extrusion. If mounting indoors on smooth surfaces, mount UltraBond adhesive foam tape along the level line instead of clips.
2. If your extrusion has a drain slot make sure it is located at the bottom to allow for drainage. DO NOT fill open ends of the extrusion with silicone. If mounting with an adhesive do not block bottom gap.



3. Place connection in junction box and always consult local electrical codes for wiring regulations and installation requirements.



Slide into the top end of the clip first.



Press firmly downward to snap in place, making sure that the slit in back is not covered to allow for drainage.

4. Starting with the connected end, snap the Mounting Channel into the clips (for open channel extrusion: slot on bottom rear). Be careful not to bend or kink the Light Tape® when snapping into place. Be sure that the end of extrusion or bottom rear slit (if using open channel extrusion) are not covered or sealed, especially when using UltraBond™ to mount. This allows for proper air flow and drainage.

Please consult local electrical codes for wiring regulations and installation requirements, and always use the Light Tape® Outdoor Connection Kit.

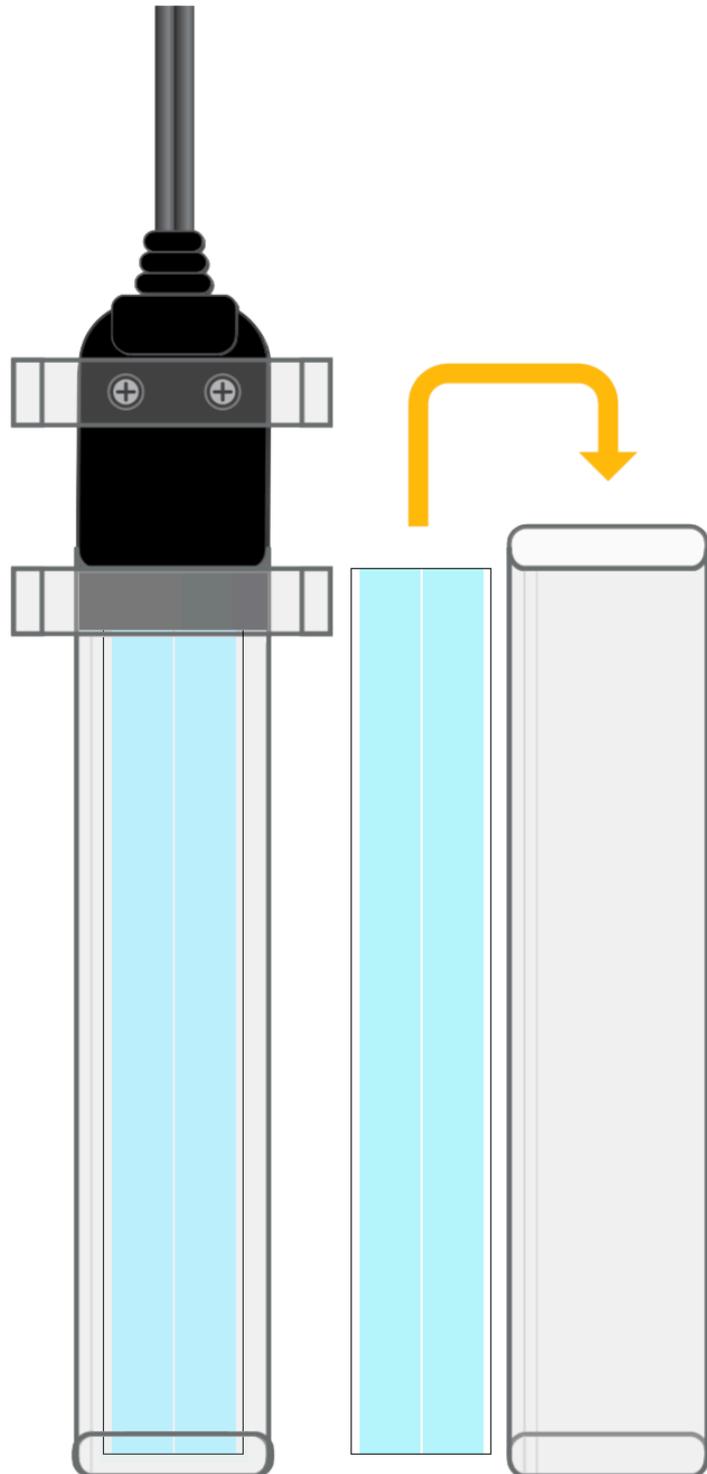
Snap-N-Light™ Vertical Mount

For vertical installations, always have connector on the top with drainage slot in the extrusion facing the mounting surface. To prevent the extrusion channel from sliding through the mounting clips, a suitably rated double sided VHB Tape should be used to attach the connector and the top 5 feet (1.5 m) of the mounting channel to the mounting surface.

Please note:

The connector should always be firmly secured to the wall so the extrusion does not slide through the clips. Clean the surface and mark a chalk line using a level. Mount clips on 12" (304.8 mm) centers, depending on surface, with outdoor rated #10 screws. Mount with the first clip 1" (25.4mm) from the connector end of the extrusion.

Place connection in a suitable rated junction box as per local electrical codes. Make sure the connector and power supply is located at the top and the channel opening is at the bottom so the extrusion is allowed to drain. To ensure the mounting channel stays in place, use either a suitably rated double sided VHB Tape or attach an extra support to the top of the connector, securing it to the surface.

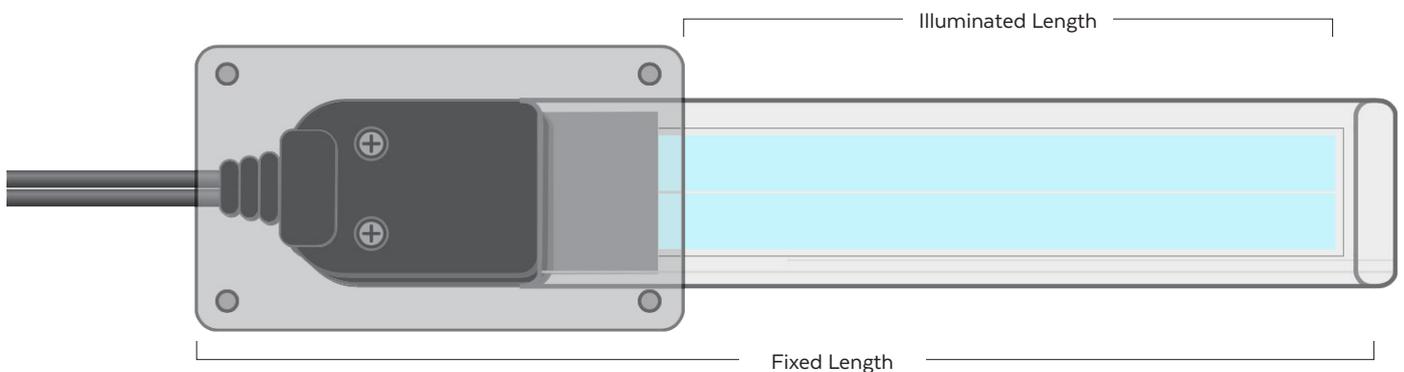


Leave open to ensure air flow 

Snap-N-Light™ Length

1" (25.4 mm) wide Light Tape® Snap-N-Light™ System

Please allow an additional 5.5" (139.7mm) when determining the dimensions of your Light Tape®'s Snap-N-Light™ system. This accounts for 4.5" (114.3mm) inches for the Light Tape® connector and strain relief, 0.5" (12.7mm) for wire flex, and 0.5" (12.7mm) for the area between the end of the illuminated length and the end of the extrusion.



2" (50.8 mm) & 4" (101.6 mm) wide Light Tape® Snap-N-Light™ System

The 2" & 4" wide Light Tape® Snap-N-Light™ system employs two connection points for optimal performance. Please allow an additional 5.5" (139.7 mm) when determining the dimensions of your Light Tape's Snap-N-Light™ system. This accounts for 4.5" (114.3mm) inches for the Light Tape® connector and strain relief, 0.5" (12.7mm) for wire flex, and 0.5" (12.7mm) for the area between the end of the illuminated length and the end of the extrusion.

