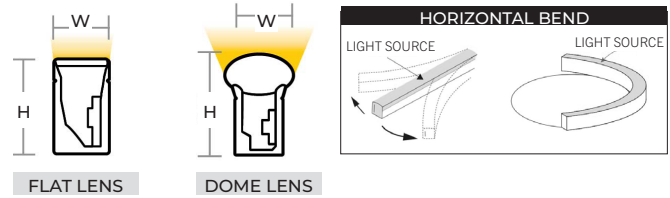


INSTALLATION GUIDE

DIMENSIONS



MODEL	WIDTH	HEIGHT
LNT-45 (F)	11.5mm	21mm
LNT-45 (D)	11.5mm	29mm

PRE-INSTALLATION

Surface Mount

Power input is 24V DC. Confirm the power supply is compatible.

Disconnect power source prior to installation.

SAFETY

Read all instructions before installation.

These products may represent a possible shock or fire hazard if improperly installed.

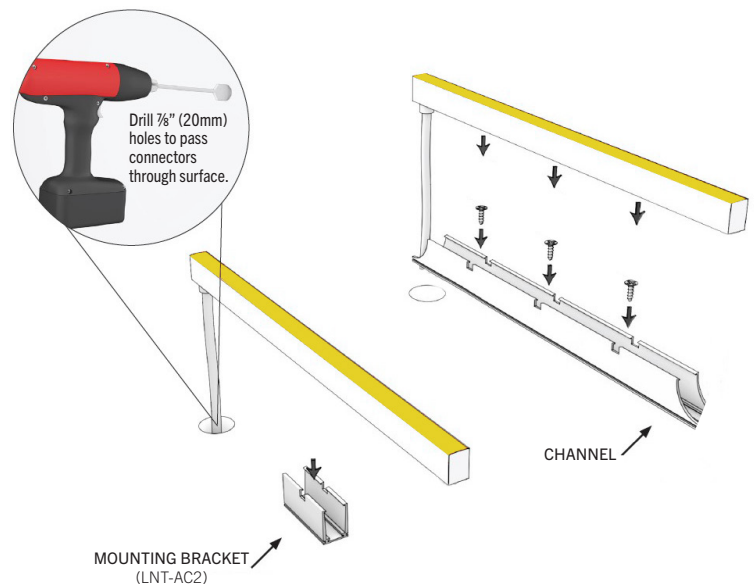
Do not install less than 6 inches from a combustible material.

- Product should be installed by a qualified electrician.
- Product should be installed in accordance with these instructions and current electrical codes.
- IP67 / IP68 is not Field Cuttable

STANDARD INSTALLATION

LNT45-ACX

- STEP 1** Determine the layout and mark the pattern onto the intended surface
- STEP 2** Align the spring clips to the mounting holes in the channel and place mounting channel to the surface. Use a level to make sure the channel is straight. Place a mounting bracket minimum every 8" (LNT-AC2).
** The number of brackets may vary depending on your pattern.*
- STEP 3** Secure channel to the surface by tightening all the provided screws; starting at the power input end. Make sure to keep a distance between the power input and channel.
**If mounting to a non-wood surface, it is recommended to use proper hardware.*
- STEP 4** Secure the LNT Series Neon into place by carefully pushing the light strip onto the channel or mounting brackets.
**Please do not bend product beyond factory recommendation. (Refer to product spec sheet for factory bending limits.)*
- STEP 5** Connect the LED supply wires to the source wires. Match the polarity.



RACEWAY INSTALLATION

LNT45-SMR-AC39

STEP 1

Determine the layout and mark the pattern onto the intended surface.

STEP 2

Separate the inner aluminum profile from the outer aluminum profile. (Figure 1A)

Using the appropriate hardware, secure the outer aluminum profile to your chosen surface. (Figure 1B)

If only installing one fixture, skip to step 4.

Joining Multiple Raceways

STEP 3

If connecting multiple raceway profiles together, insert the joiner bracket into the bottom slot of the outer profile. Secure in place by tightening the screws towards the bottom of the outer profile. (Figure 2)

Repeat steps 2-3 as necessary.

**Make sure to center the joiner brackets between the two connecting outer profiles.*

STEP 4

Feed the LED Neon under the pre-installed retaining bracket until the end of your run. (Figure 3)

If using the joiner bracket, feed the powerfeed cable under the pre-installed retaining bracket and over the joiner bracket.

STEP 5

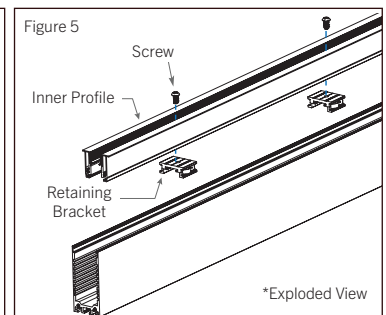
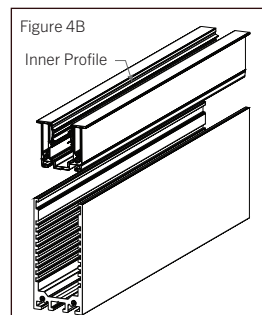
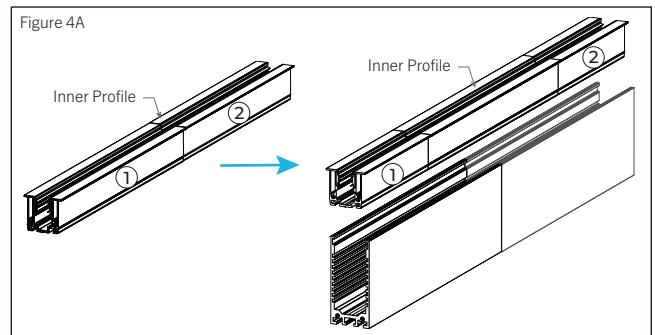
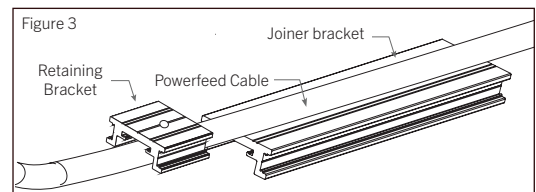
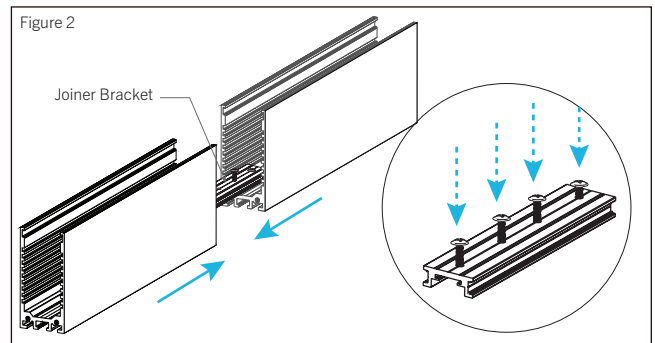
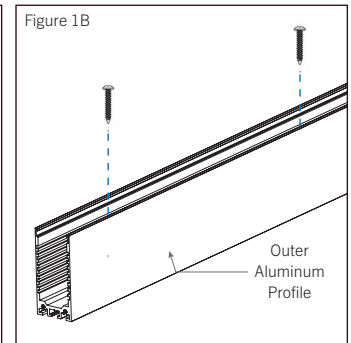
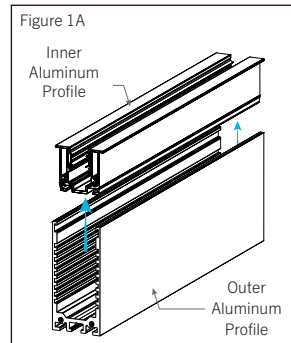
If more than one outer profile is being used, cut one inner aluminum profile evenly into two segments called "1" and "2". (Figure 4A)

Insert the inner aluminum profile(s) inside of the outer profile. (Figure 4B)

**Be aware of the direction of the cable exit notch. This will ensure a clean finish after installing the LED Neon.*

STEP 6

Using the provided screws, secure the inner aluminum profile to the pre-installed retaining brackets inside of the outer profile. (Figure 5)



RACEWAY INSTALLATION (CONT.)

LNT45-SMR-AC39

STEP 7 Carefully push the LED Neon into the inner aluminum profile and tidy up any excess cable. *(Figure 6)*

STEP 8 Seal off the front of the first profile by pressing the end cap without a cable hole in place. Secure with screws. *(Figure 7)*

STEP 9 Feed the powerfeed cable through the end cap with a cable hole in place. Secure with screws. *(Figure 8)*

STEP 10 Wire accordingly.

