

ATTENTION: This product should be installed by a professional, licensed electrician.



CONNECTED RUNS



MAGNETIC MOUNT



SUSPENDED FIXTURE

1. TURN POWER OFF AT CIRCUIT BREAKER

SHOCK HAZARD! Turn power OFF at circuit breaker prior to installation, to avoid serious injury or death.

2. VERIFY PRODUCT IS CORRECT

Pre-light using the wiring diagrams in this guide to power your ribbon/neon to ensure color/Kelvin temperature is correct.

Note: Do NOT connect max runs.

3. DETERMINE LOCATION TO INSTALL

Dry-fit the lights to the desired location BEFORE removing the adhesive backing. Refer to the **CONFIGURATION GUIDE** for a list of products and zone locations.

4. CUTTING THE CHANNEL FOR RIBBON

You will have to cut the channel at the same angle as the connector you are using. Cut using metal rated saw blade.

a. Straight Runs

Install channel directly to the surface with the provided screws. To determine the cut length, place the LED ribbon beside the channel, add 1" to account for the Lead Lock Heat Shrink around the lead. Snap the lens and end cap into place and secure with masking tape at the cut mark to protect the lens from cracking.

Clean any remaining slivers of metal or plastic to ensure a clean install.

5. CONNECTING CHANNEL (OPTIONAL)

a. Straight Connector

Slide the connectors into the back of two channels to connect, then use the self-tapping screws to attach the connectors to the two channel.

6. MOUNTING THE CHANNEL

a. Channel, directly to the Surface

Install channel directly to the surface with the provided screws. You will need to predrill the holes before installation or use self-tapping screws when installing onto metal. Plan to install 4 screws for every 2 meters of channel.

b. Channel with Clips

Screw clips to the surface at the beginning and end of each section and then about every 1.5 ft in between.

c. Universal Clips

Predrill the mounting holes on the channel, by drilling holes at the beginning and end of the channel and then about every 1.5ft in between. Screw the adjustable clips to the channel, making sure they are all perpendicular to the channel. Then use four screws to connect each clip to the wall.

d. Magnets (great for T-Grid applications)

Slide your round magnets into the bottom of the channel. Plan to place 4 magnets for every 2 meters of channel. Then simply place it onto a magnetic surface.



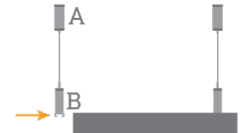
e. Suspended

Unscrew Part B to remove the hexagon screw, then put the recessed clip on top and screw back together.



Install it to the ceiling by unscrewing Part A and taking the cap and screwing it into place with the long screw provided. Plan to install 3 suspension kits for every 2 meters of channel.

Once the cables are in place and hanging from the ceiling, slide the recessed clips into the top of the channel.



7. PREP SURFACE PRIOR TO INSTALLING RIBBON

To ensure lasting bond, use the provided alcohol wipe to prep the surface. For slippery surfaces, pre-sand the area before installing the lights or use the 3M Primer 94.

8. INSTALL END CAP WITH HOLE (OPTIONAL)

Slide the lead through the hole of the end cap and snap it into the channel and confirm the fit. If lead is to the back, drill hole through the channel for the lead to go through.

9. MOUNT THE RIBBON

Once fit is confirmed, begin peeling the backing and gently pressing the ribbon into place, slowly working your way towards the end of the ribbon. This process will make it easier to handle the ribbon, especially in longer runs. In channel, center the ribbon starting 1/8" away from the end cap with the hole.

Note: Adhesive **MUST BE REMOVED** for proper heat dissipation. Do not let the LEDs hang when installing, as this could add stress to the solder connections.

10. INSTALL LENS (OPTIONAL)

Once the ribbon is in place, install the lens by pressing it into place, starting from one end and working your way to the other, then snap the solid end cap onto the open end.

11. TURN POWER ON AT CIRCUIT BREAKER

Once your ribbon or neon is connected, turn the power on at the circuit breaker.

12. CONTROL YOUR RIBBON/NEON (OPTIONAL)

If using a controller, refer to the corresponding control instructions for installation and set up.

INSTALLATION GUIDE UNIVERSAL 2217 CHANNEL

NOVA FLEX LED, INC. WARNINGS AND WAIVER

- Any installation of this product should be completed by a professional licensed electrician pursuant to all applicable governing laws, ordinances, regulations, national and local electrical and building codes.
- This is an electronic product which is susceptible to damage if handled incorrectly. Improper soldering or modification may result in a voided warranty. Warranty cases will be made at Nova Flex's discretion based on multiple factors.
- Do not allow product to be punctured or penetrated by foreign objects; this can result in a short circuit.
- Do not connect product directly to a 120 volt AC power source.
- For best performance, do not load the DC power source more than 80% of its labeled rating.
- Any use of this product is entirely at your own risk. Failure to utilize and install this product in its proper manner could result in severe injury and/or property damage.
- Keep out of reach of children.

This product is provided by the manufacturer "as is" "with all faults" without any warranties or representations, express or implied, including, but not limited to the warranties of merchantability or fitness for a particular purpose. In no event shall manufacturer be liable for any special, incidental, punitive indirect or consequential damages of any kind. Manufacturer offers this product and the user accepts it subject to the foregoing conditions, which may only be modified in a writing signed by the manufacturer.

See complete Terms & Conditions at novaflexled.com

LIGHTS ARE FLICKERING OR WILL NOT LIGHT?

- Confirm polarity of wiring (make sure + and - are connected properly).
- Check all connections to make sure they are secure and tight.
- Ensure you are using a compatible dimmer and correct power supply.

Contact your distributor for technical support.