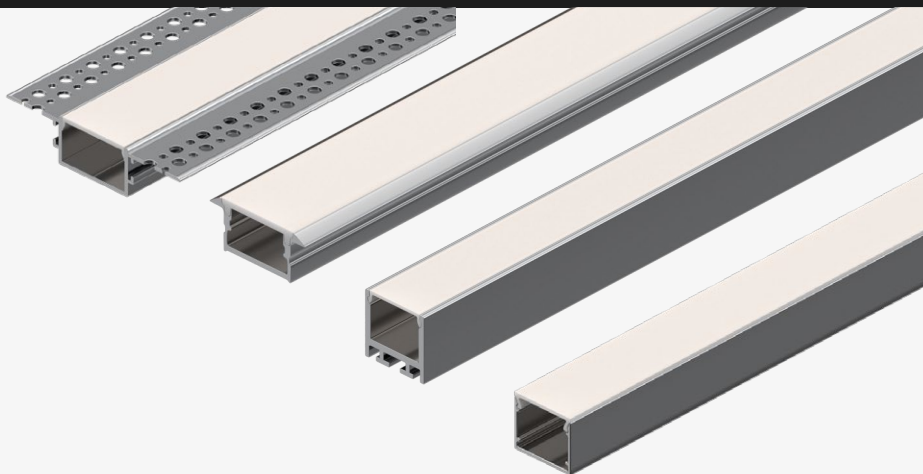


# Mounting Channels



Installing Flexfire mounting channels is simple—and a smart way to make your lighting look better and work even harder. Our aluminum channels protect your LED strips from dust and damage, help control heat so your lights last longer, and make future maintenance easier.

**When following this installation guide, your specific project may require a few extra steps or a different order. If you have any questions, please don't hesitate to reach out. We're happy to help!**

## Tools Needed



- ✓ Screwdriver or drill (if using screws)



- ✓ Hex tool (for Titan™ and Calypso™ channels)



- ✓ Miter saw



- ✓ Painter's tape

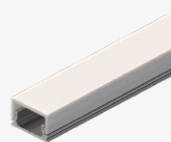


- ✓ Measuring tape



- ✓ Cleaning solution

## Component Check



- ✓ Aluminum channels and covers



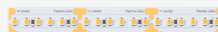
- ✓ End caps



- ✓ Mounting brackets or clips



- ✓ Mounting screws or adhesive tape



- ✓ LED strip lights

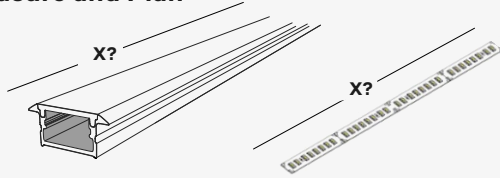


- ✓ LED driver

# Installation Instructions for Recessed Channels

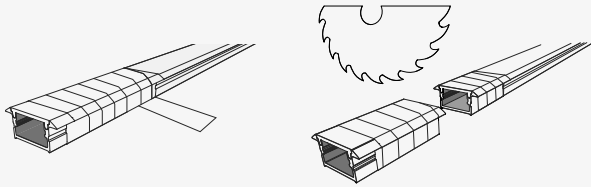
Remember to follow all safety precautions and the specific instructions provided by the manufacturer of your LED strips, aluminum channels, and other components throughout the installation process.

## 1. Measure and Plan



Determine where you want to install your LED strip light and aluminum channels. Measure the length of the channels and strip light needed to fit your desired space.

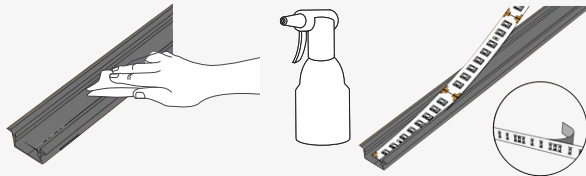
## 2. Cut the Channels and LED Strips



Cut the aluminum channels and covers to the desired length using a miter saw or a cutting tool suitable for aluminum. Use painter's tape to secure the channel and the cover together, achieving a smooth seam line.

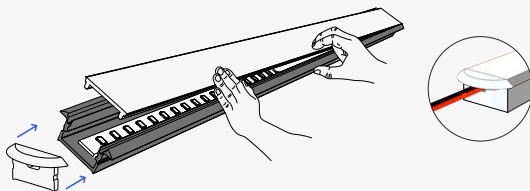
Please check our [LED Strip Light Installation Guide](#) for instructions on cutting and installing LED strip lights.

## 3. Attach the LED Strips



Clean the aluminum channels thoroughly to remove any dust or dirt. We recommend using rubbing alcohol or alcohol pads. Insert the strip light into the channels by peeling the cover of the 3M backing tape a few inches at a time, while gently pressing the strip light into the channel. Ensure the strip light is tightly fitted into the channel to prevent it from falling out.

## 4. Insert the Covers and Attach the End Caps



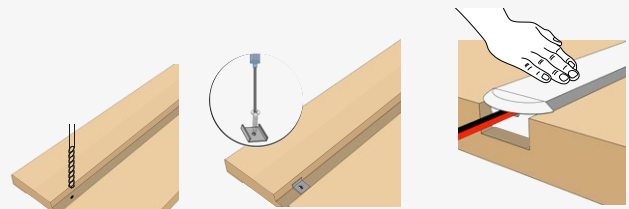
Insert the tip of the cover into the channel. Then, gently press down on different sections of the cover without bending or breaking it. Snap or slide the end caps onto the open ends of the channels to provide a finished look and protection for the strip light. Use the open end caps to run power cables out of the channel and the closed end caps to complete runs.

## 5. Wire the LED Strips and Test the Installation



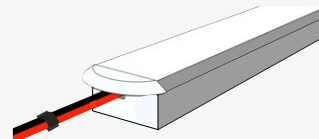
Connect the strip light to the LED driver. Please check our [LED Strip Light Installation Guide](#) and the manufacturer's installation instructions for your specific LED driver. Connect the LED driver to power to verify that the strip light is functioning correctly. Troubleshoot if needed.

## 6. Cut the Channel Mount Area and Mount the Channels



Cut the channel mount area and place the channels where you want to install them. If your channels have mounting brackets or clips, drill an appropriately sized hole in the flat surface where you will attach the channels. Using screws, attach the mounting brackets or clips in place, ensuring they are level and properly aligned. Mount the channels onto the mounting clips. You may also install the aluminum channels using mounting glue or adhesive suitable for your surface.

## 7. Secure the Wires (Optional)



Use cable clips or adhesive-backed clips to secure the wires behind the channels or nearby surfaces, keeping them neat and organized.

## 8. Enjoy Your Installation

Turn on your LED strip lights and see your space come to life!

**Note:** To ensure that your strip lights meet electrical requirements, use the proper in-wall or plenum-rated wire if applicable