

Mudr 1 and Mudr 2 Mud-In Aluminum Channel

MATERIALS NEEDED

- Pencil
- Ruler
- Scissors
- Band Saw or Rotary Saw
- Metal File
- Drywall Saw
- Joint Knife
- Power Drill
- Painters Tape
- Hex Key (Optional)
- Drywall Screws

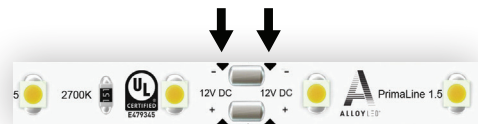
STEP ONE - TEST CONNECTION

Alloy LED recommends using PowerFactor™ Dimmable Power Supplies for Mudr series installations.

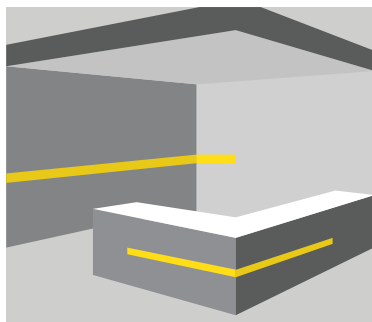
1. Connect the tape light to the driver and turn on the power.
2. Ensure the connection is secure and working properly.
3. Turn off power before mounting the channel.

STEP TWO - DETERMINE LENGTH AND CUT

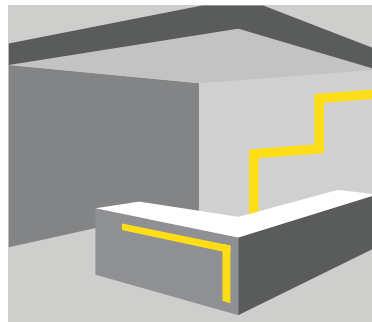
1. Cut tape light to the desired length at the cut points. Set aside.
2. Install lens into channel.
3. Use a bandsaw, rotary saw, or handsaw fitted with the appropriate blade to cut the metal channel with lens installed and without tape light installed to the desired length.



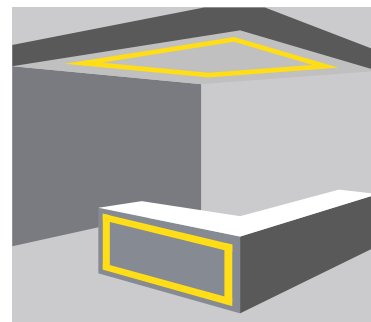
Wrapping Configuration (Bevel Cut)



Zig-Zag Configuration (Miter Cut)



Picture Frame Configuration (Miter Cut)



1. Miter cut each section of the channel to match the corner angle.
2. Example: For 90° inside corner installation, each channel section is cut at a 45° angle to form a corner.

1. Determine the length of the channel and cut at a 45° angle from the outer corner.
2. Cut an additional channel for the opposing 45° angle.

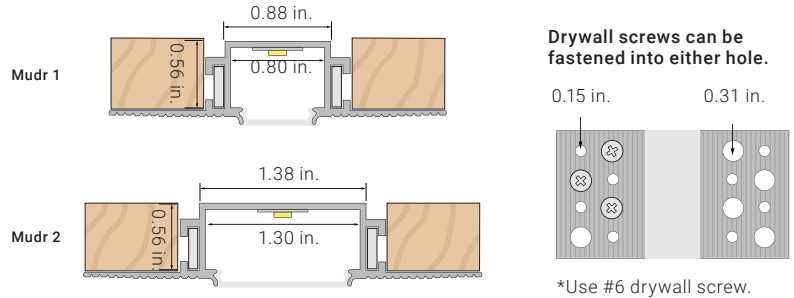
STEP THREE - LINKING SYSTEM (OPTIONAL)

1. Place linking pieces into each side of the channel, then slide both channels end-to-end.
2. Use a hex key to fasten.

Item Number	Description
AL-50-29-9992-AL	Straight Connecting Bracket - 2-Pack (Includes 4 pre-threaded set screws) for Mudr 1
AL-50-29-9993-AL	L Bracket for Mitred Corners - 2-Pack (Includes 4 pre-threaded set screws) for Mudr 1
AL-50-29-9994-AL	L Bracket for Beveled Corners - 2-Pack (Includes 4 pre-threaded set screws) for Mudr 1
AL-50-30-9992-AL	Straight Connecting Bracket - 2-Pack (Includes 4 pre-threaded set screws) for Mudr 2
AL-50-30-9993-AL	L Bracket for Mitred Corners - 2-Pack (Includes 4 pre-threaded set screws) for Mudr 2
AL-50-30-9994-AL	L Bracket for Beveled Corners - 2-Pack (Includes 4 pre-threaded set screws) for Mudr 2

STEP FOUR - MOUNTING

1. Cut desired channel mount area into drywall allowing channel wings to rest on the outside.
2. Insert channel into the cut section.
3. Fasten channels to drywall and studs using drywall screws for added stability.



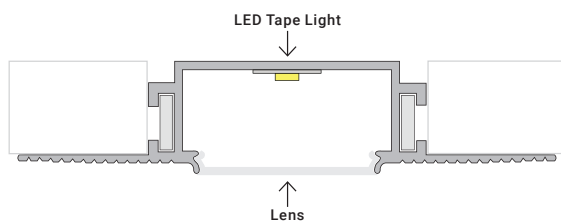
STEP FIVE - PLASTER, SAND, AND PAINT

1. Cover channel opening with painter's tape.
2. Apply drywall tape along the edges of the channel to prevent cracking. Do not overlap strips of drywall tape.
3. Plaster, sand, and paint the installation.

STEP SIX - ADD LED STRIP AND LENS

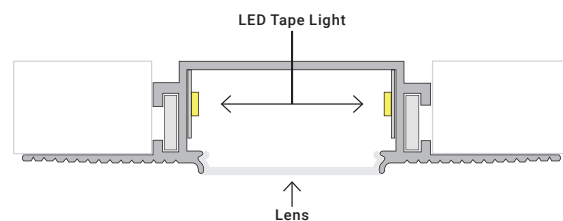
1. Remove painter's tape.
2. Clean the inner channel area with a cloth to remove any dust or debris.
3. Insert the tape light into the channel by peeling off the covering of the tape light's adhesive backing and pressing the tape in a straight line.
4. If there is excess tape light tuck into wall or behind channel.
5. Insert lens cover by firmly pressing one edge into the channel. Continue along the channel until the lens is securely in place.

Wrapping and Straight Configurations (Optional)



1. For wrapping configurations, install the tape light at the bottom of the channel.
2. Gently bend the LED strip 90° for inside or outside configurations.

Zig-Zag and Picture Frame Configurations (Optional)



1. For zig-zag configurations, install the tape light on both sides of the channel. Be sure to install the tape light as close to the bottom of the channel as possible.
2. Gently bend the LED strip 90° at the corners.