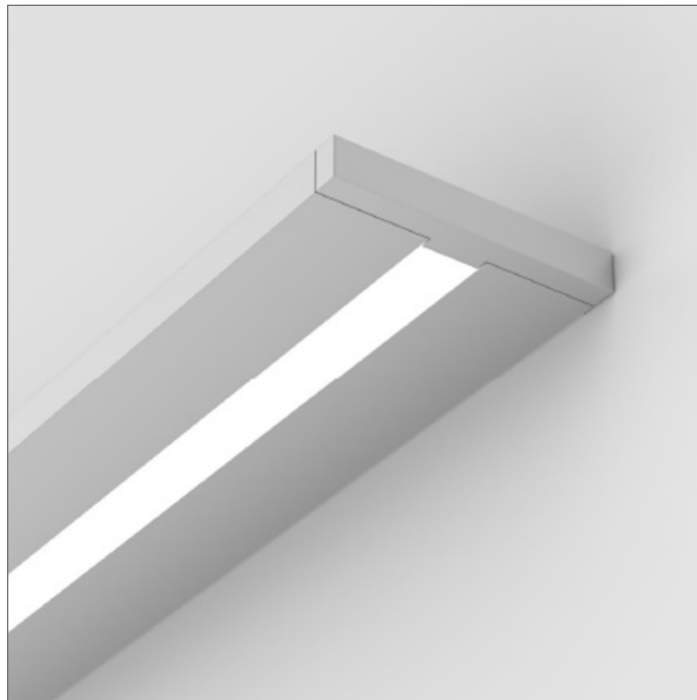


EDGESlim 375 Wall

Control & Performance with Light Guides



Remote Driver

EDGESlim 375 Wall

EDGESlim

Warnings

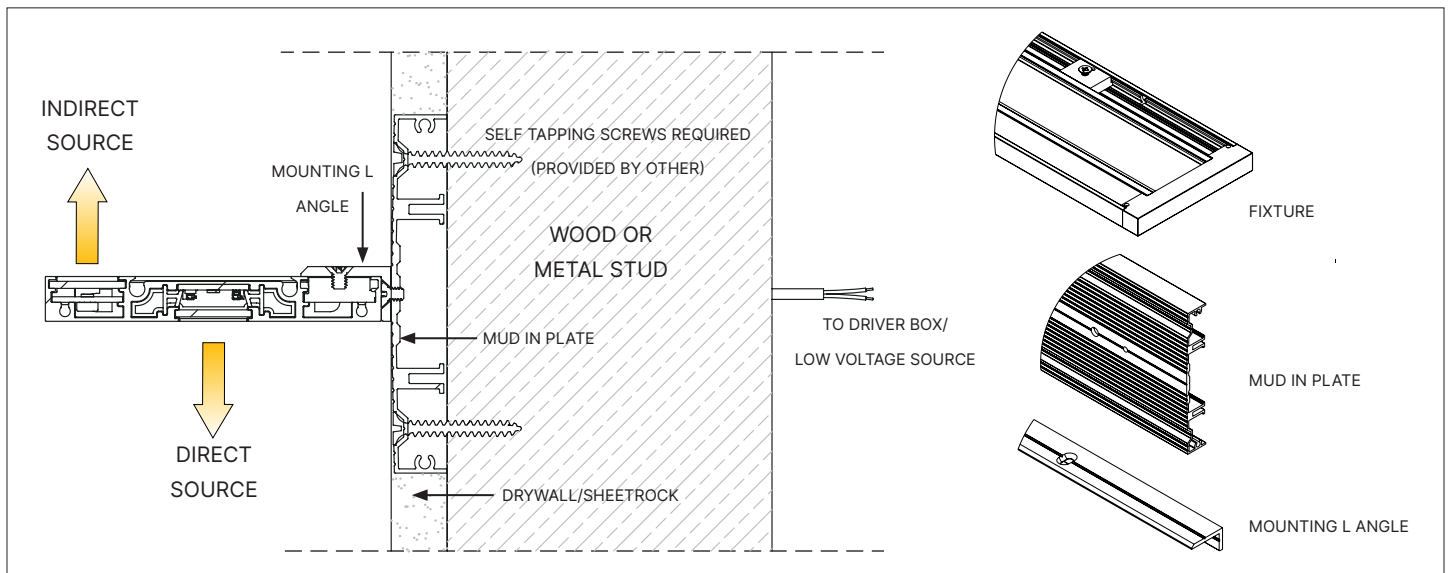
-  Risk of fire and electrical shock
-  Turn off power at breaker
-  Installation requires knowledge of electrical systems and should be installed by a qualified electrician. If not qualified, **DO NOT ATTEMPT INSTALLATION.**

Care Instructions

-  Wipe with a soft cloth only
-  Always avoid using harsh chemicals and/or cleaners

STEP 1 — Placement and Components

EdgeSlim375 can be mounted with the Mud in Plate or with just the Mounting L Angle directly to drywall. The Mud In Plate is specified when access is available behind the wall and the remote driver (or 3rd party controls) is intended to mount to the back side of the Mud In Plate. A remote driver is required with this fixture. If not using the Mud in Plate, skip to step 5.



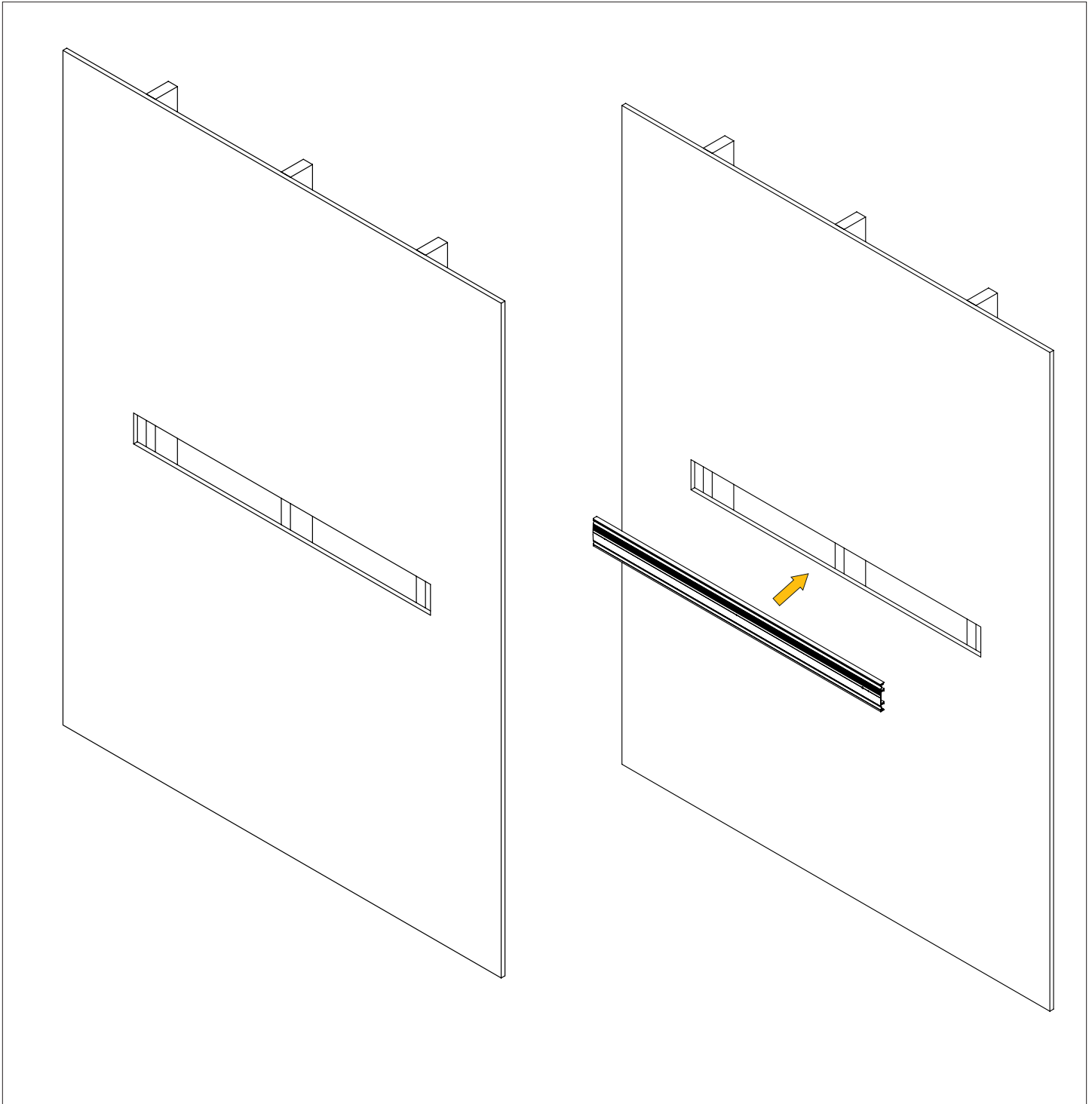
Designed & Built in
BOSTON

Declare



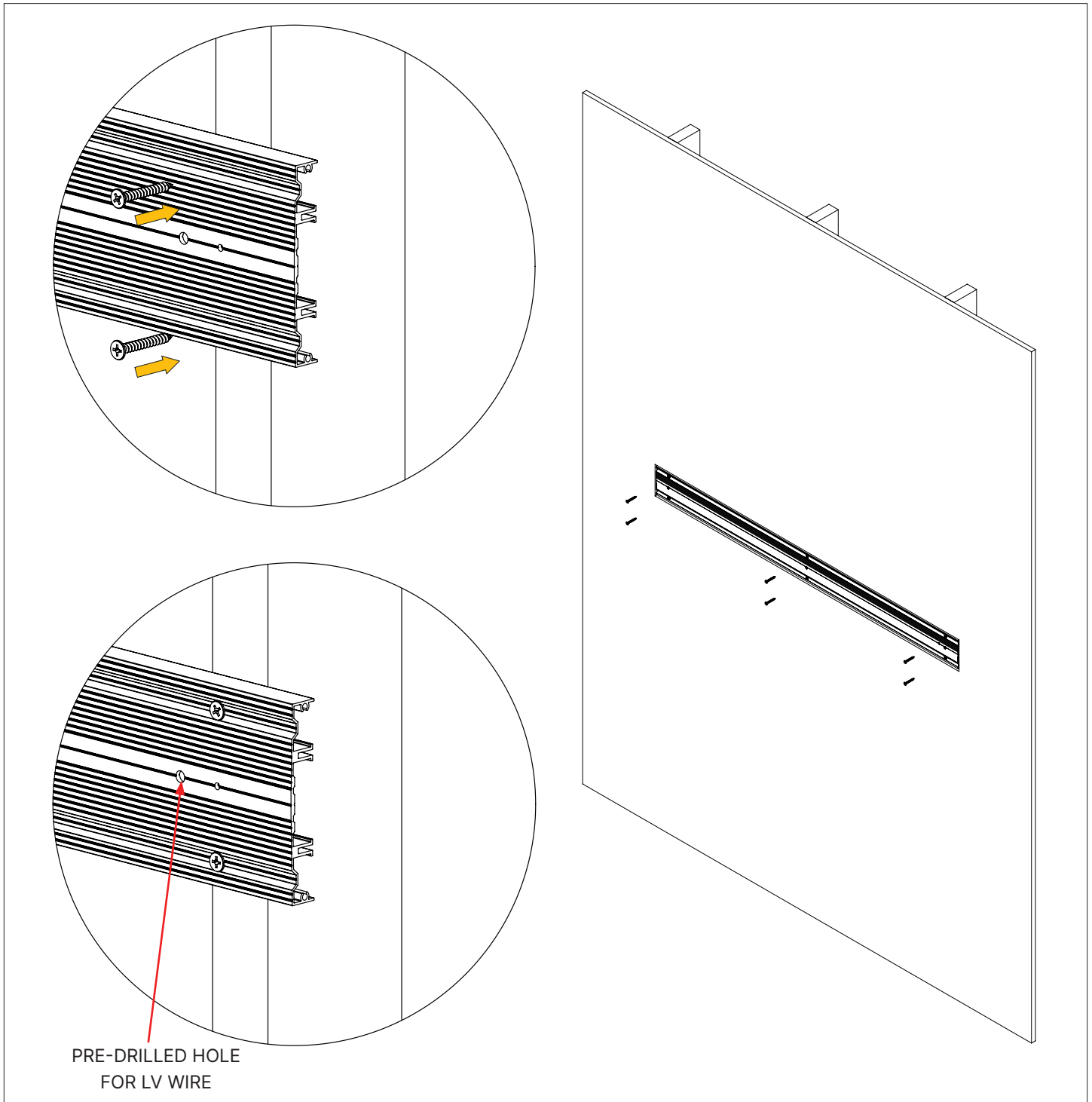
STEP 2 — (MUD IN) - Cut Away Drywall

Remove a rectangular section of drywall the same size as the Mud In Plate. The Mud In Plate can be used as a template to trace around assuming you have marked the final fixture height and leveled the plate before cutting away the drywall.



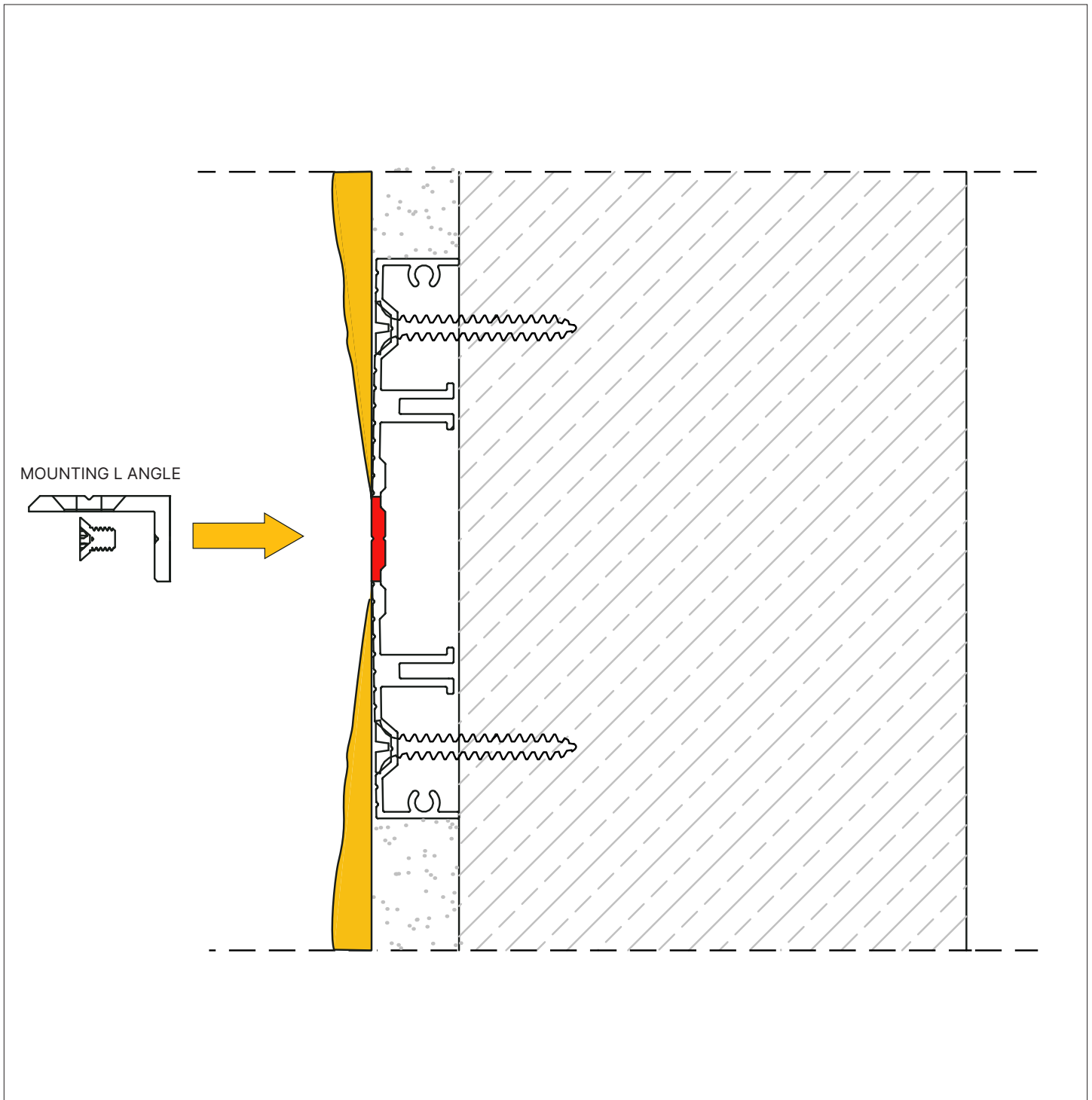
STEP 3 — (MUD IN) - Mud In Plate Placement

Ensure the Mud In Plate is level and the vertical center is at the finished fixture height before screwing into the studs. **NOTE:** You can not adjust the fixture level after the Mud In Plate is secured. Screw the Mud In Plate to the exposed studs using self-tapping screws (not provided). The exit hole for the low voltage wire is 3in from the edge of the Mud In Plate.



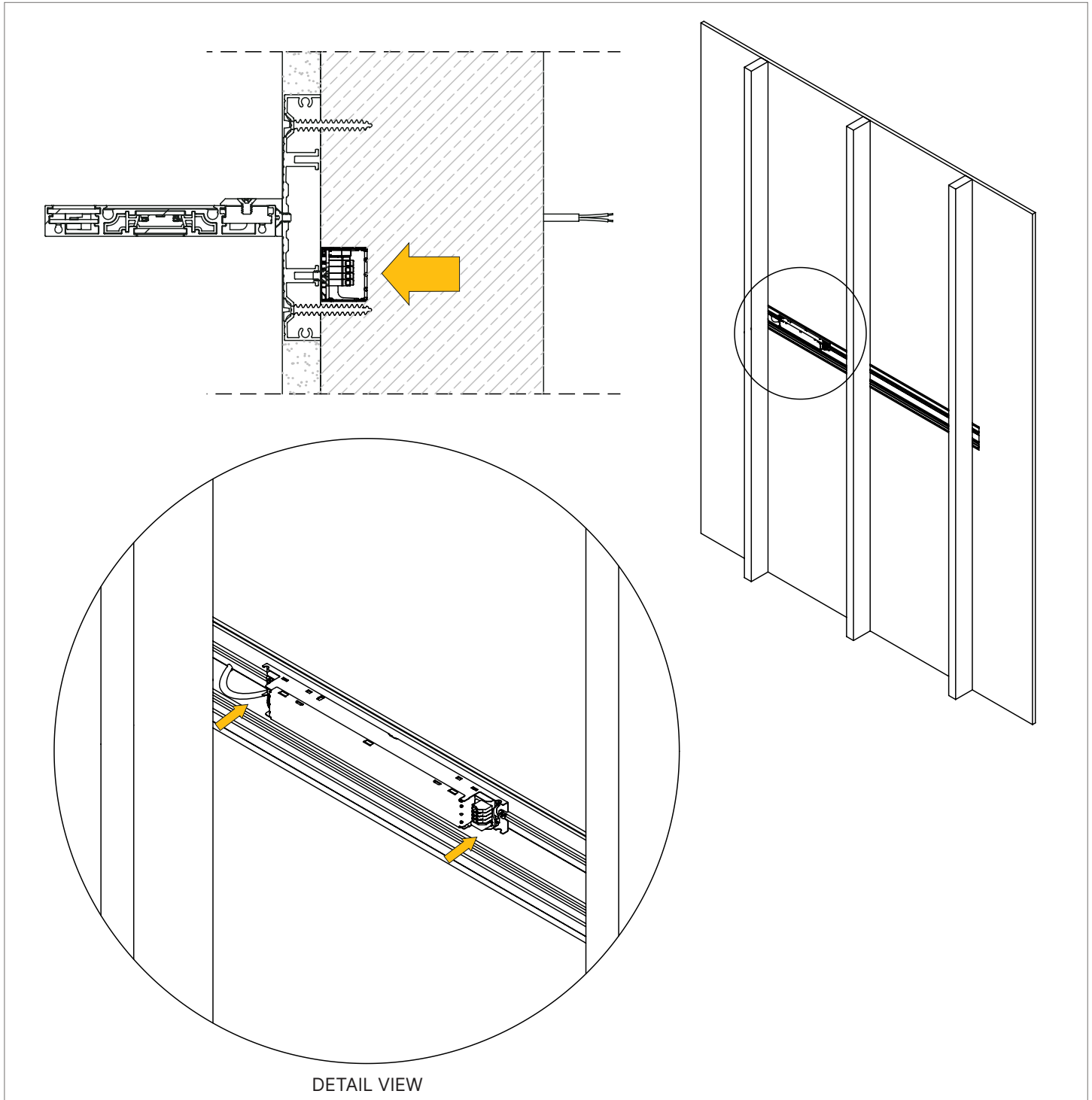
STEP 4 — (MUD IN) - Integration To Drywall

Mud up to, but not beyond the point where the mounting L angle bracket sits (shown here in red) on the mud in plate. The Mounting L Angle is secured to the Mud In Plate with 3 provided 6-32 screws.



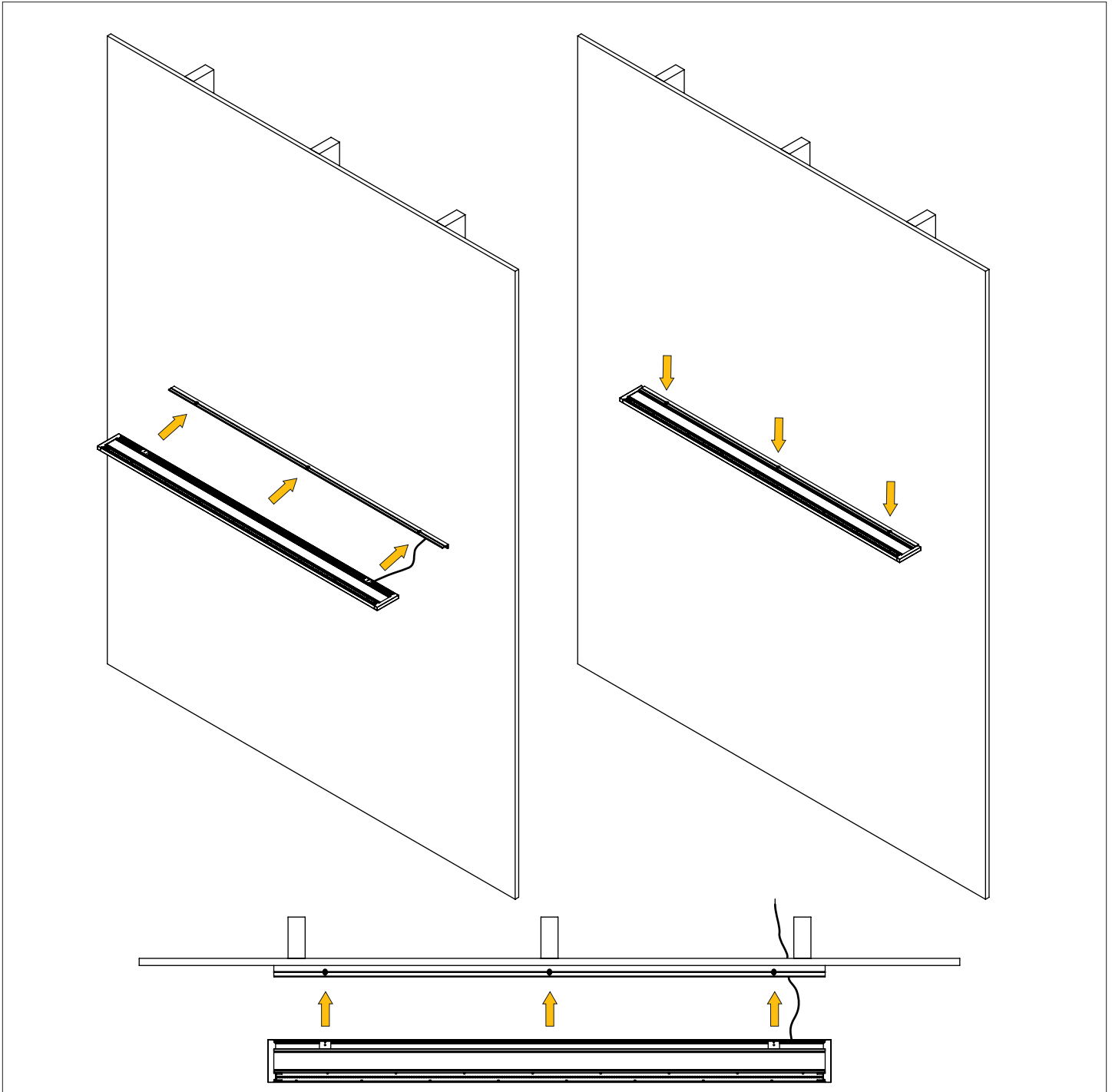
Rear Driver Mounting (Optional)

The Mud In Plate is designed so a driver can be mounted to the backside of the plate if there is access behind the wall the fixture is being mounted upon.



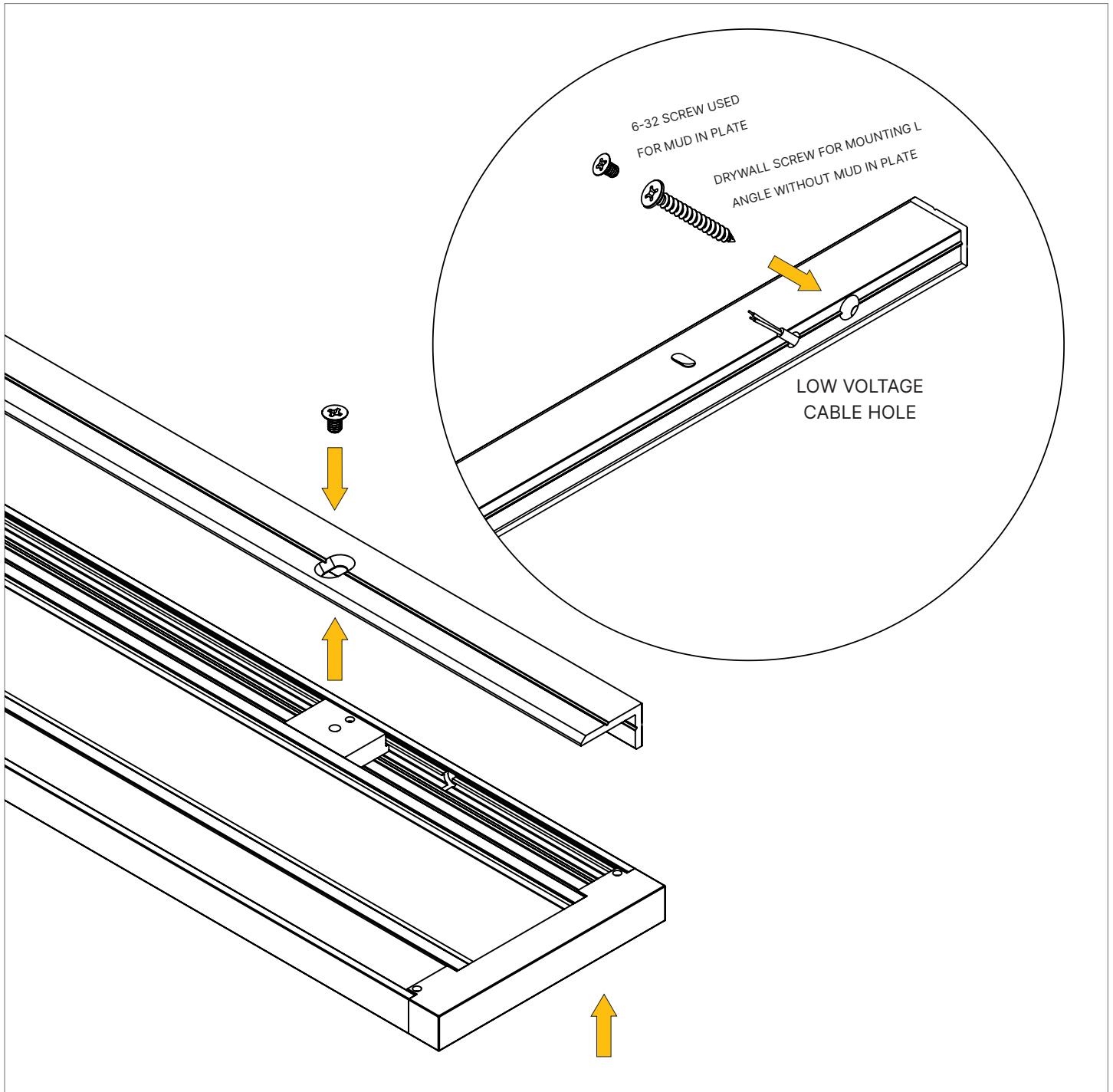
STEP 5 — Fixture Mounting

If not using the Mud In Plate, the installer can use self tapping drywall screws to fix the Mounting L Angle through the drywall into the wood or metal studs to ensure the fixture is supported. If studs are not available, secure with alternative drywall anchors (not provided). Once the Mounting L angle is secured, connect the fixture to the Angle with the 3 provided 6-32 screws. NOTE: Make sure the fixture is wired to the driver before mounting to the wall. The Mounting L Angle and the Fixture Mount Plate (if used) are Pre-Drilled for wiring.



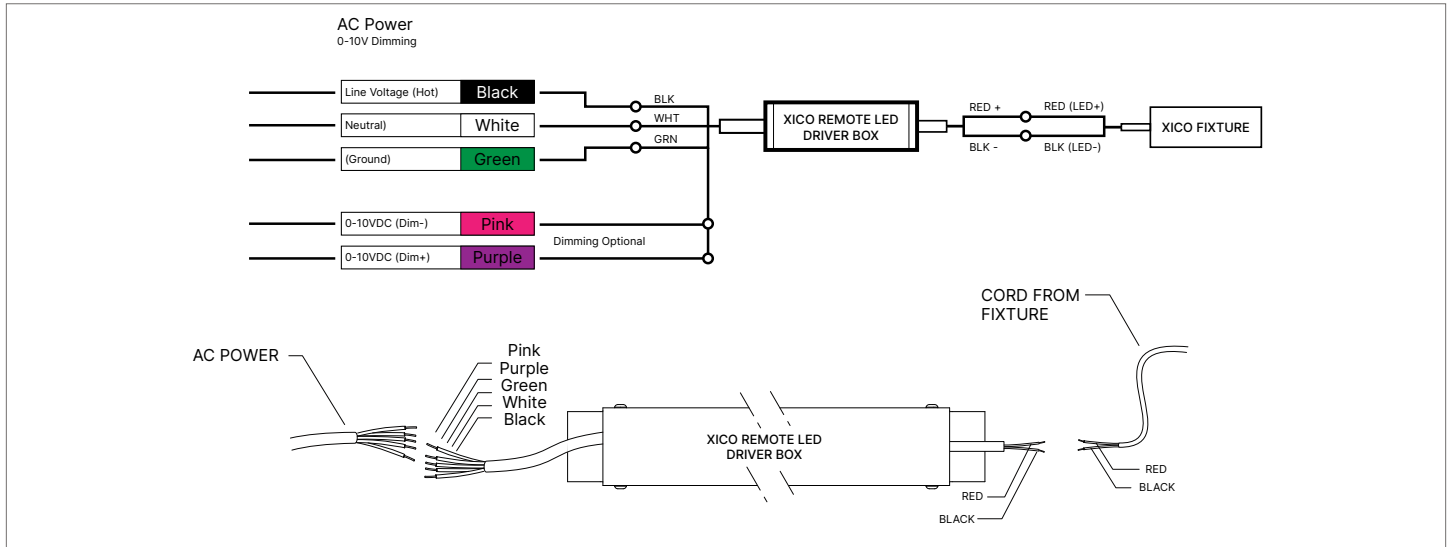
STEP 5 Continued — Fixture Mounting (Detail)

The fixture has sliding brackets that accept the 6-32 screws and fix the body of the fixture to the wall. Bring the fixture up to the Mounting L Angle and secure.



Wiring Guide

Wire the Power Feed End to the J-Box.



Voltage Drop

24 VDC and Wire Length Chart (Driver to Fixture)

XICO LED Fixture with Remote Drivers

When installing a XICO fixture with a remote driver and the distance is a long way from the fixture, it is important to properly specify the correct wire gauge (AWG/ or thickness of wire) for the distance of wire required. The maximum remote mounting distance is a function of the total voltage-drop across the output of the LED Driver.

How to Use the Chart

Step 1: Calculate the total wattage of the LED lighting system (round up to the nearest 10 W).

Step 2: Find the wattage in the top row and follow the column down to maximum length (round up) of wiring between the LEDs and the power supply.

Step 3: Look to the left column for the wire gauge size required to prevent voltage drop over 3%.

Maximum Cable Length from Remote Driver to Fixture — 24 VDC Driver										
Wire Gauge	Total Fixture Wattage (W)									
	10 W	20 W	30 W	40 W	50 W	60 W	70 W	80 W	90 W	100 W
18 AWG	134 ft	68 ft	45 ft	33 ft	27 ft	22 ft	19 ft	17 ft	15 ft	14 ft
16 AWG	215 ft	109 ft	72 ft	54 ft	43 ft	36 ft	31 ft	27 ft	24 ft	22 ft
14 AWG	345 ft	174 ft	115 ft	86 ft	69 ft	57 ft	49 ft	43 ft	39 ft	36 ft
12 AWG	539 ft	272 ft	181 ft	135 ft	108 ft	90 ft	77 ft	68 ft	62 ft	56 ft
10 AWG	784 ft	397 ft	263 ft	197 ft	158 ft	131 ft	112 ft	98 ft	95 ft	82 ft

Remote Driver to Fixture Example

Calculate total load

An 8 ft fixture using 4 W/ft requires a total of 32 W. Round up to the nearest load of 40 W.

Find distance from driver to Load

Let's assume the distance is 40 ft from the driver to the fixture. Round up to the nearest distance of 54 ft.

Choose wire gauge

It's recommended to install 16 AWG wire between the driver and fixture to eliminate noticeable voltage drop.