

Slot Channel - Installation Instructions

Models SLC-XX

Please read all instructions prior to installation and keep for future reference!

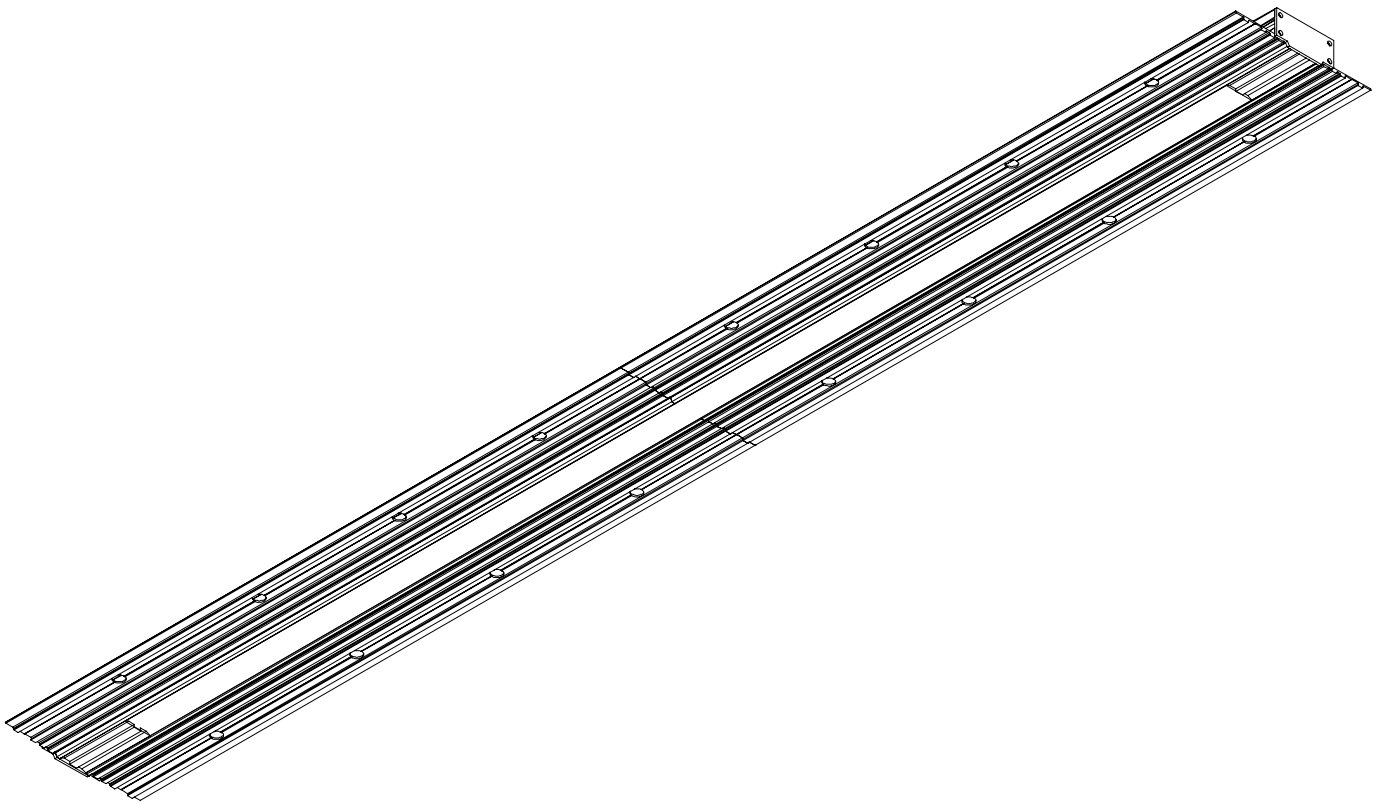
1. PRODUCT TO BE INSTALLED BY A QUALIFIED ELECTRICIAN.
2. USE ONLY WITH CLASS 2 POWER UNIT.
3. 24 VOLTS DC.
4. SUITABLE FOR DAMP LOCATIONS.
5. WALL/CEILING CUTOUT RECESSED MUD-IN.
6. TYPE IC.
7. INHERENTLY PROTECTED.
8. FIXTURE SHOULD BE INSTALLED BY TWO PEOPLE.

REVO.1
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IMPORTANT SAFETY INSTRUCTIONS!

WHEN INSTALLING OR USING THIS TRACK SYSTEM, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED, INCLUDING:

- A. READ ALL INSTRUCTIONS.
- B. DO NOT INSTALL THIS TRACK IN DAMP OR WET LOCATIONS.
- C. DO NOT INSTALL ANY PART OF THE TRACK SYSTEM LESS THAN 5 FEET ABOVE THE FLOOR.
- D. DO NOT INSTALL ANY LUMINAIRE ASSEMBLY CLOSER THAN 6 INCHES FROM ANY CURTAIN, OR SIMILAR COMBUSTIBLE MATERIAL.
- E. DISCONNECT ELECTRICAL POWER BEFORE ADDING TO OR CHANGING THE CONFIGURATION OF THE TRACK.
- F. DO NOT ATTEMPT TO ENERGIZE ANYTHING OTHER THAN LIGHTING TRACK LUMINAIRES ON THE TRACK. TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT ATTEMPT TO CONNECT POWER TOOLS, EXTENSION CORDS, APPLIANCES, AND THE LIKE TO THE TRACK.

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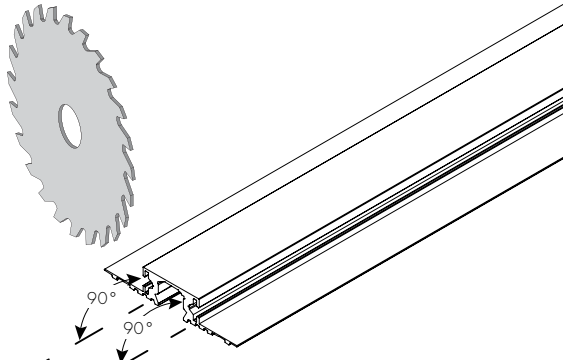
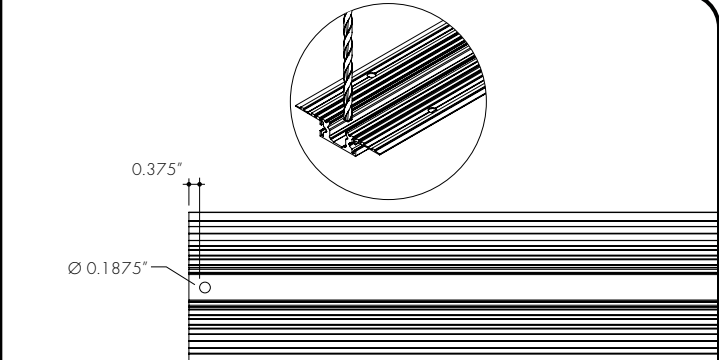
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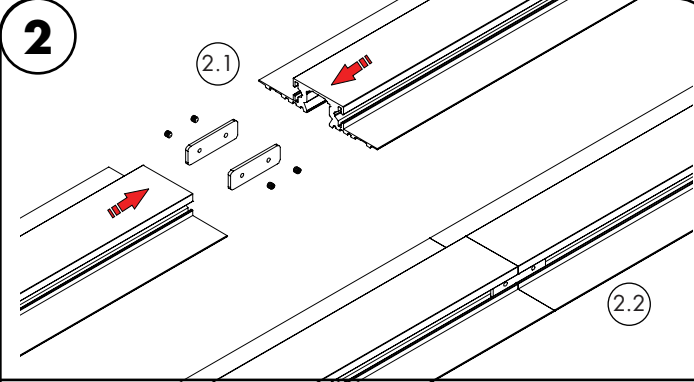
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Field Preparation

<div style="border: 1px solid black; padding: 5px;"> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">1</div>  </div> </div>	<div style="border: 1px solid black; padding: 5px;">  </div>
<p>1.1 Measure the area where the channel will be installed.</p> <p>1.2 Carefully cut the channel in the field making sure that the extrusion is sitting perpendicular to the cutting surface. It is helpful to cut the extrusion and lens together.</p>	<p>1.4 Using a hand drill, drill a large hole, 0.375" from the end of the track housing. De-burr the opening or add a bushing/grommet to protect the power feed cable from damage.</p>

Connecting Extrusion Sections

2

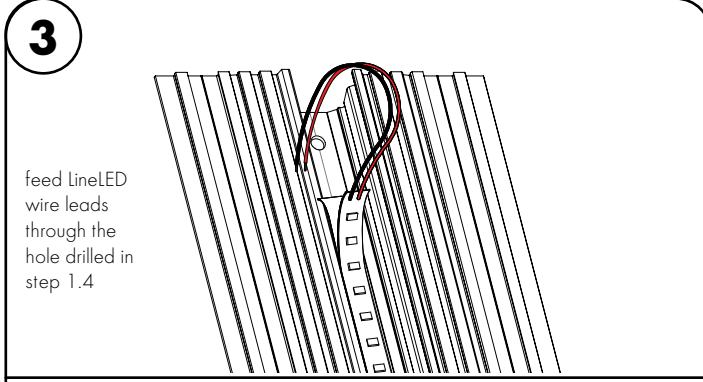


2.1 Insert two mechanical joiners into one extrusion end.

2.2 Slide the second extrusion end over the mechanical joiners and use the remaining set screws to make a secure, aligned join.

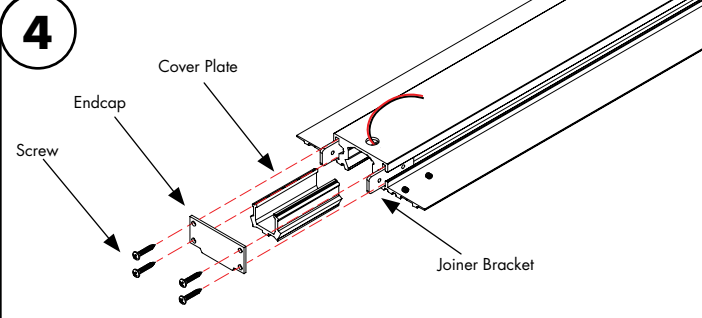
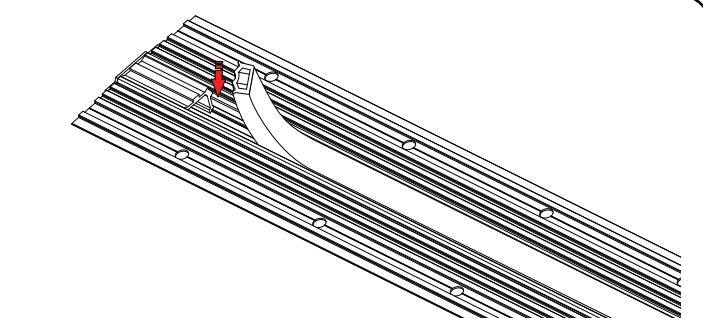
Tape Installation

3



3.1 Remove LineLED paperbacking from adhesive tape before installing into extrusion. Ensure aluminum extrusion is clean from dust before taping the LineLED strip/s. If necessary wipe extrusion and let dry before installing.

Endcap and Lens Installation

<div style="border: 1px solid black; padding: 5px;"> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">4</div>  </div> </div>	<div style="border: 1px solid black; padding: 5px;">  </div>
<p>4.1 Using the provided screws, fasten the endcaps after inserting cover plate</p> <p>4.2 Insert two (2) joiner brackets into the extrusion which will be used for attaching the junction box to the fixture in a later step.</p> <p>4.3 Using the provided screws, fasten the endcaps.</p>	<p>4.4 After endcap is installed flip extrusion over and install the flexible silicone lens by gently but firmly pressing it into extrusion.</p>

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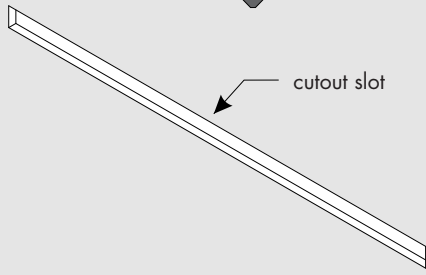
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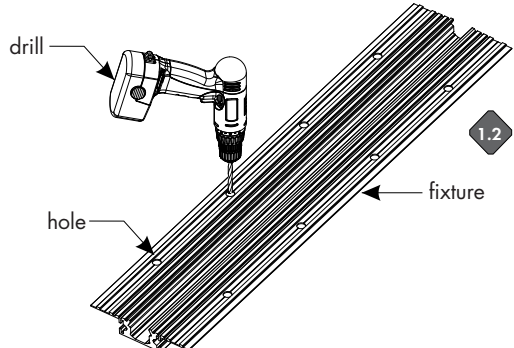
Wall Install Prep

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1.1



1.2

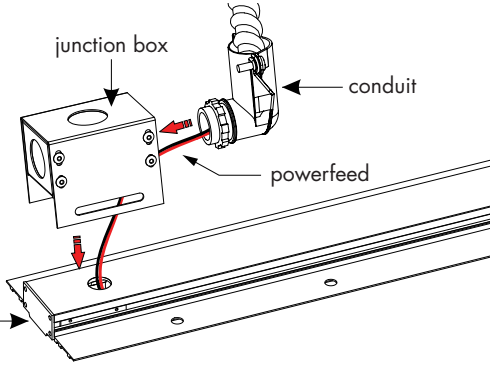


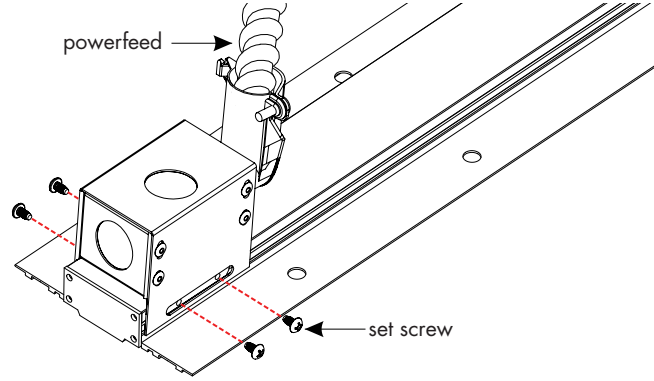
5.1 Determine the location of the installation. Use a hand saw (or similar) to cut out opening on wall for Slot fixture.

5.2 Drill holes in mounting flanges and countersink the holes to fit #8 Drywall Screws. Screw spacing will depend on field conditions.

Powerfeed Connections

6



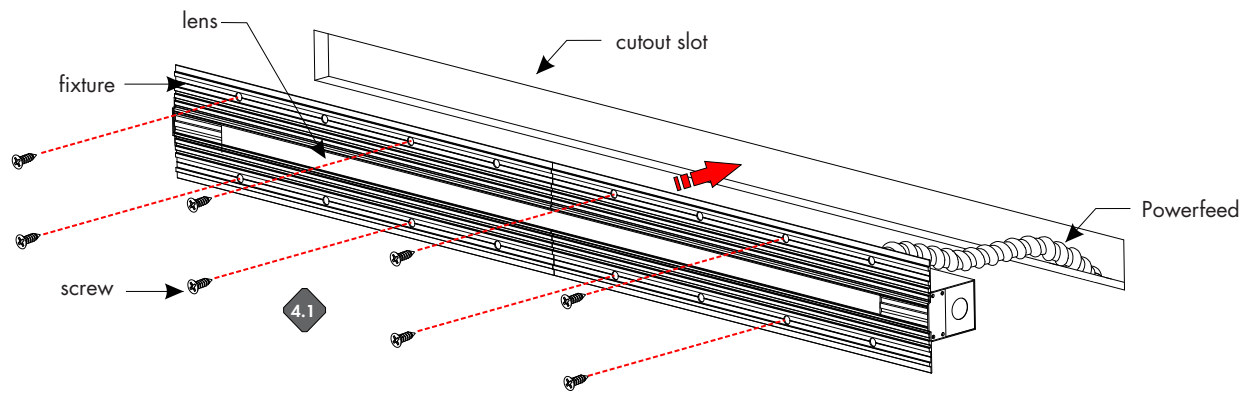


6.1 Attach flex conduit to junction box. Powerfeed wire from wall should be pulled through conduit prior to attachment and connected to wire leads on LED strip from step 3. Attach junction box to fixture end by inserting joiner plates into one end of fixture.

6.2 Secure junction box to the joiners from step 4 using the four provided screws.

Wall Install

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7.1 Install Slot fixture into ceiling/wall cutout. Be sure to align the end of the Slot fixture with the end of the cutout. Insert the lens into fixture slot. Then Mount into drywall with #8 Drywall Screws.

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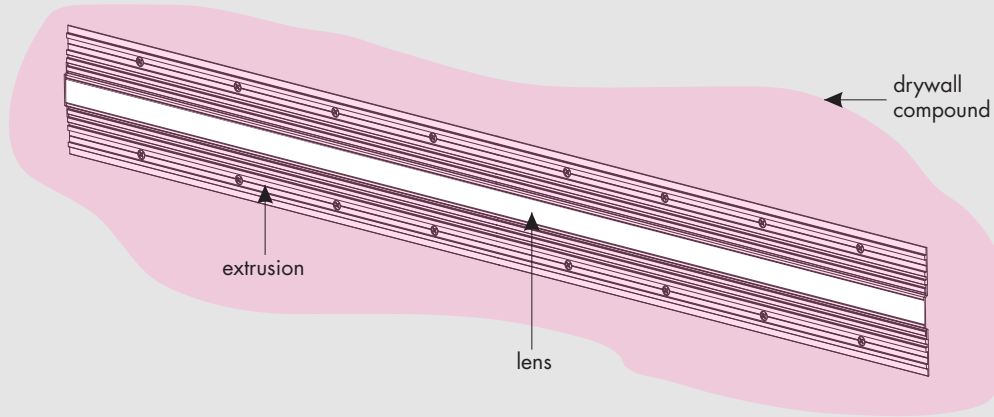
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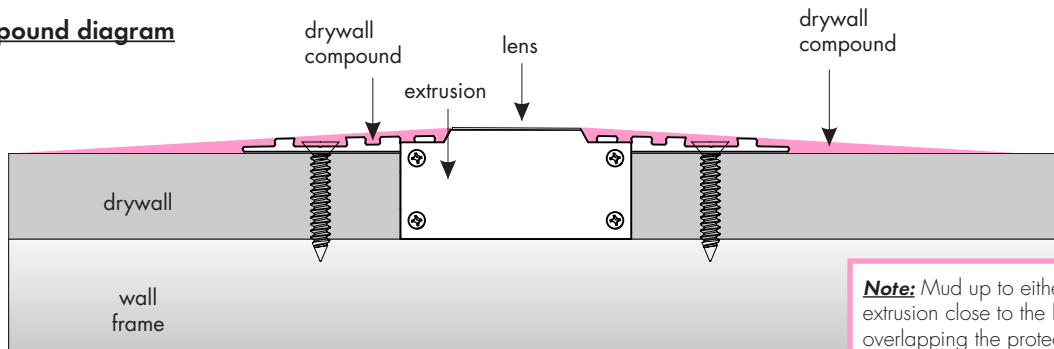
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Wall Mud In

8



Drywall/compound diagram

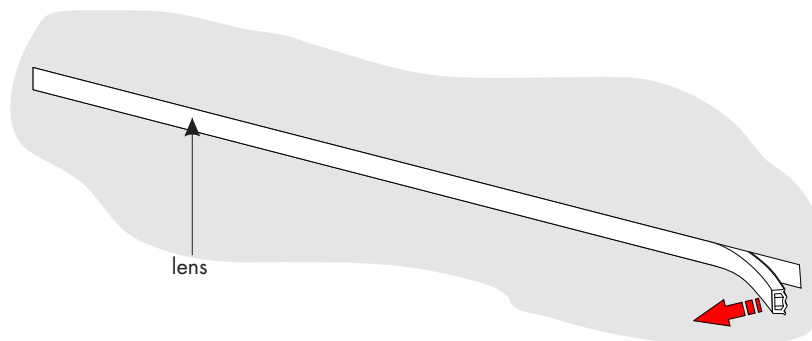


Note: Mud up to either side of the extrusion close to the lens but without overlapping the protective tape.

- 8.1** Place a coat of durabond on each side of the extrusion (reference diagram to the right) for a strong bond. Followed by a light sand to blend to the drywall. If necessary finish any imperfections with a light compound.

Clean Up

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- 9.1** While the mud-in compound is still wet, remove the lens and clean it. Once compound is dry on the fixture/wall, re-install the lens

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Power Supply Wiring Diagram

Note: Prior to installation all 24VDC wires must be present near fixture. Refer to the power supply installation instructions for additional information.



Static White
Wiring Diagram PDF



RGB/RGBW
Wiring Diagram PDF



Warm Dim
Wiring Diagram PDF