

SLC-Micron-006T

Diffusion LED Channel



Safety Instruction and Warning

WARNING:

READ CAREFULLY BEFORE INSTALLING.

Installation should only be performed by a qualified electrician in accordance with NEC and all applicable local building codes.

Risk of fire or electric shock. Fixture installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

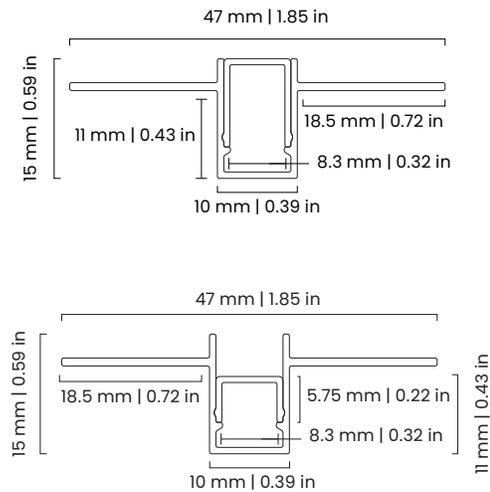
Ensure that electrical power is turned OFF before and during installation or maintenance.

Fixtures must be connected to a wiring system that includes an equipment-grounding conductor.

Ensure that the supply voltage matches the rated voltage of the luminaire fixture.

Wear gloves and safety glasses at all times when removing the luminaire from the carton, installing, servicing, or performing maintenance.

Diagram

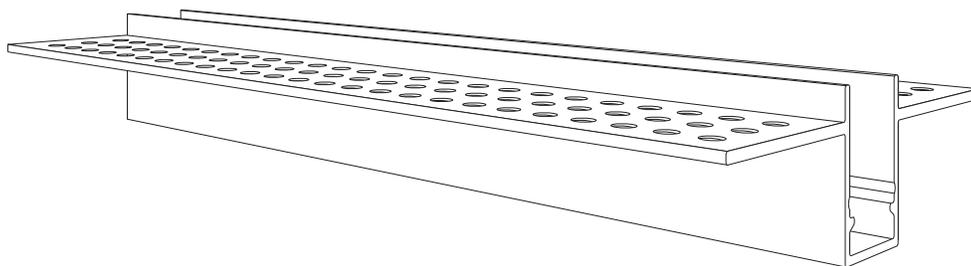


Description

The Diffusion SLC-Micron-006T is a narrow 10 mm trimless anodized aluminum channel that comes complete with mounting hardware, end caps, and an opal polycarbonate lens for zero dotting and it offers lens options for both flush and recessed installations.

Note: Includes filler foam

Shop Drawing

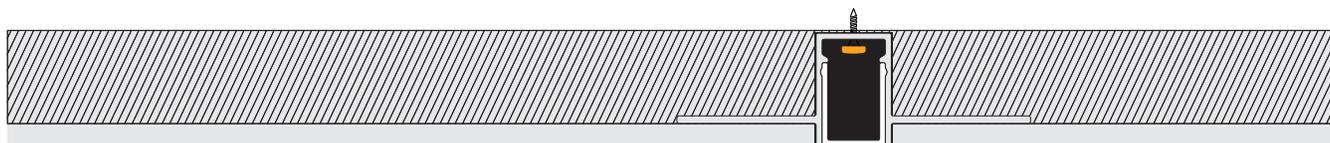


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Installation Types



Recess/Flush Mount

Notes:

****Fixture should be built and installed based around the lengths of ribbon and power feed locations****

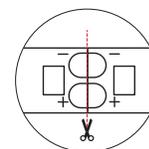
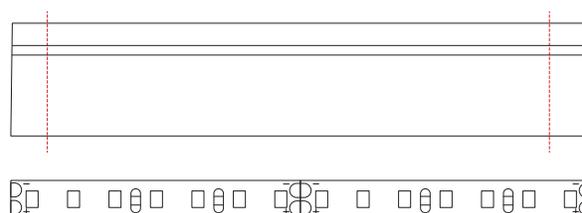
****You can fully install ribbon and lens before finishing if desired, but lens may be damaged by finishers****

Step 1

Determine the desired length for your ribbon and channel.

For the best results, cut the channel and lens together to ensure they are aligned and equal in length.

If a corner is needed, cut angles into the ends of the channel (e.g., two 45-degree cuts to create a 90-degree turn).



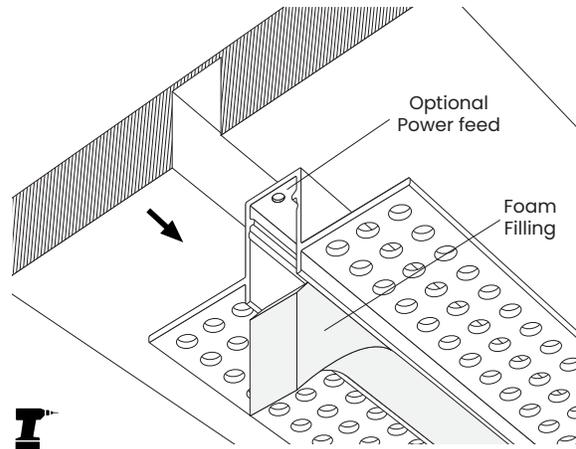
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Step 2

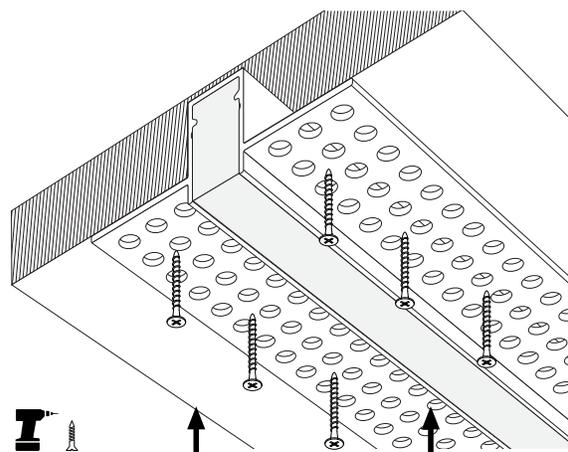
If you're feeding power from the bottom of the fixture, drill the power feed hole in the channel at the desired location. Use a 7/32" (5.5mm) drill bit for this step, and make sure to do it prior to installing the ribbon.



Step 3

Install the channel into the drywall or wood recess, making sure to maintain straight lines and proper lengths.

If a power feed is required, don't forget to include a pull-string for easier wire routing.



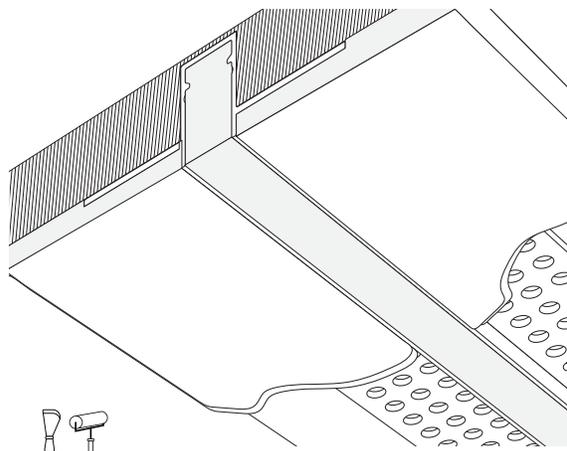
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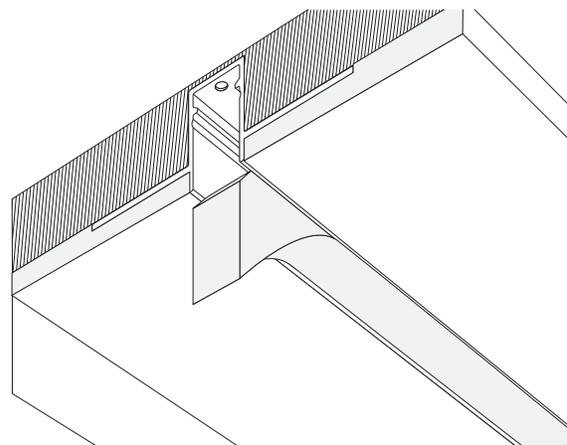
Step 4

Finish the trim using drywall mud, veneer, or other suitable options.



Step 5

Remove the foam filler.



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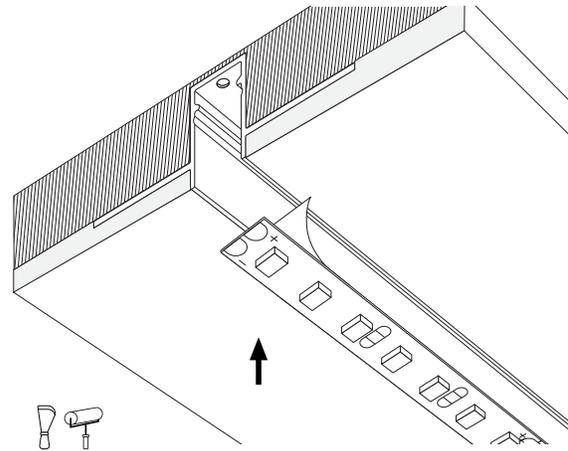
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Step 6

Install ribbon using pre-cut pieces or adaptors, ensuring power feed is at the appropriate end. Peel off the 3M double-sided tape and stick it to the inside of the channel.

If using outdoor ribbon, use silicone or construction adhesive to adhere to the channel.



Step 7

Test the fixture to confirm proper operation. Once tested, carefully install the lens by snapping it into place, starting from one end and working down the length of the fixture.

Finished!

