

SLC-012T

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.

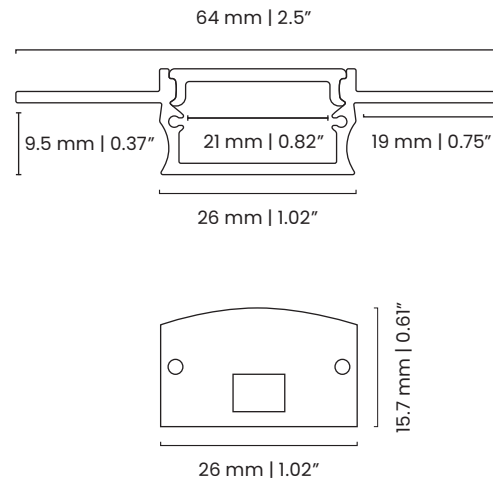
Ensure that electrical power is turned OFF before and during installation or maintenance.

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.

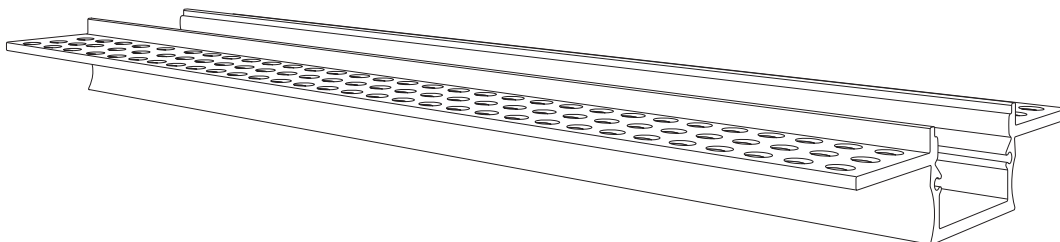
Diagram



Description

Diffusion SLC-012T is a Trimless anodized aluminum channel that comes complete with two aluminum endcaps and an opal polycarbonate lens.

Shop Drawing

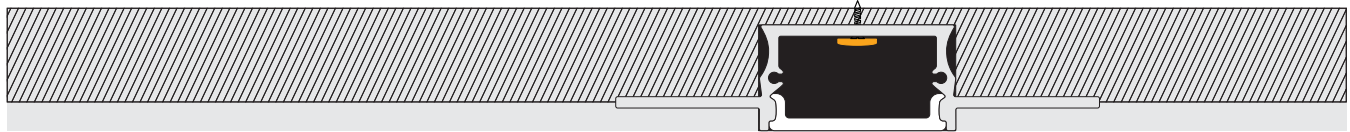


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Installation Types



Recess/Flush Mount

Notes:

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

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

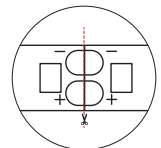
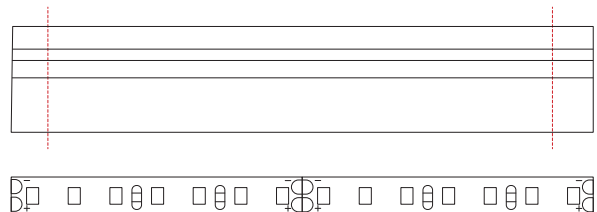
Step 1

Determine ribbon length and channel length, cutting to desired lengths as required.

You can cut the channel and lens at the same time to ensure they line up and are the same length.

Cut angles into ends of the channel if required. (Such as 45 degrees on two ends to make a 90-degree turn).

Instruction (Surface Mount, Less than 8ft)



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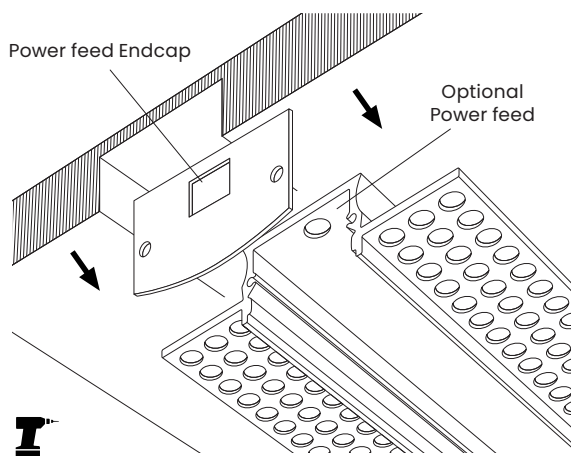
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Step 2

Install endcaps, making sure the power feed endcap is at the appropriate end.

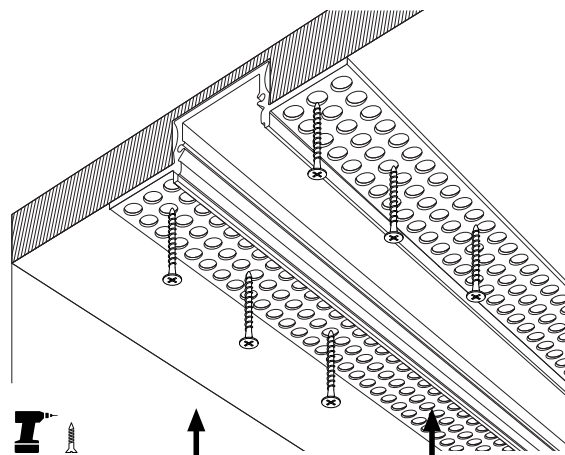
If feeding power from the bottom of the fixture, drill a hole in the desired location before installation.



Step 3

Install channel into drywall or wood recess, ensuring straight lines and proper length.

Don't forget a pull-string for power feed if required.



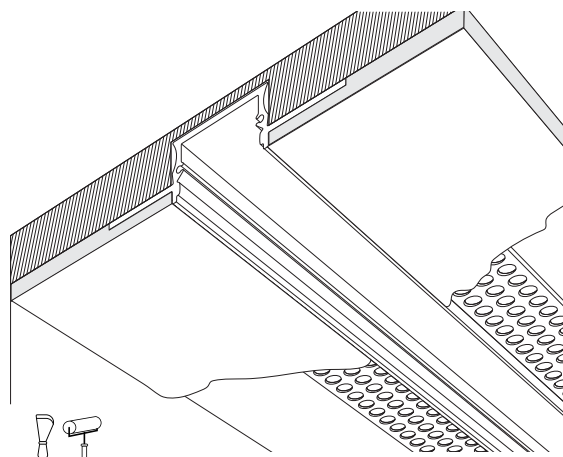
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Step 4

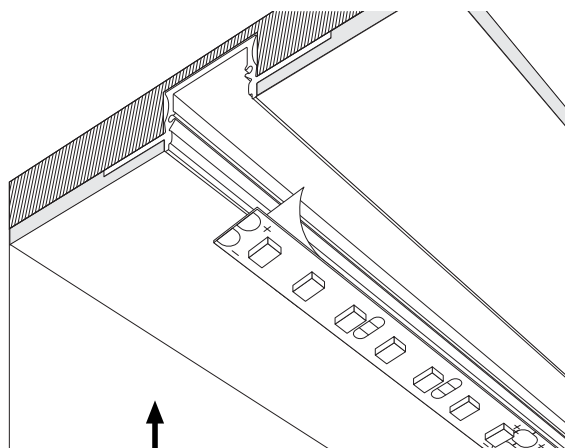
Finish trim with either drywall mud, veneer, or other options.



Step 5

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

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



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Step 6

Test the fixture and install the lens by snapping it into place, starting at one end and working down the length of the fixture.

Finished!

