

# SLC-012T

## Diffusion LED Channel

### Safety Instruction and Warning

WARNING:

#### READ CAREFULLY BEFORE INSTALLING.

Installation should only be conducted by a qualified electrician in accordance with NEC and any relevant 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.

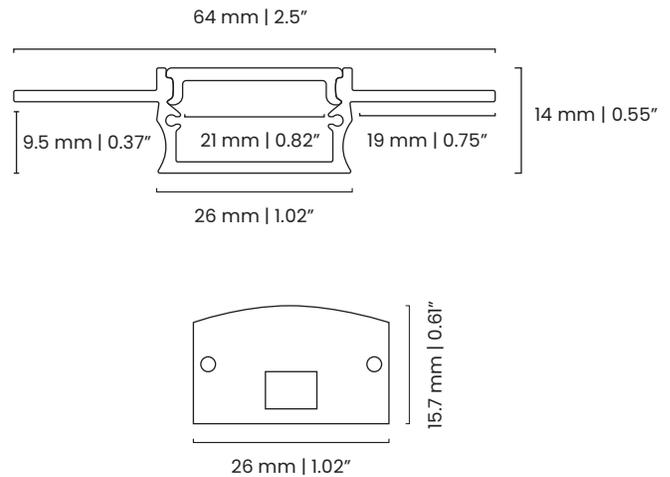
Be certain electrical power is OFF before and during installation and maintenance.

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

Make sure the supply voltage is the same as the rated luminaire Fixtures voltage.

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

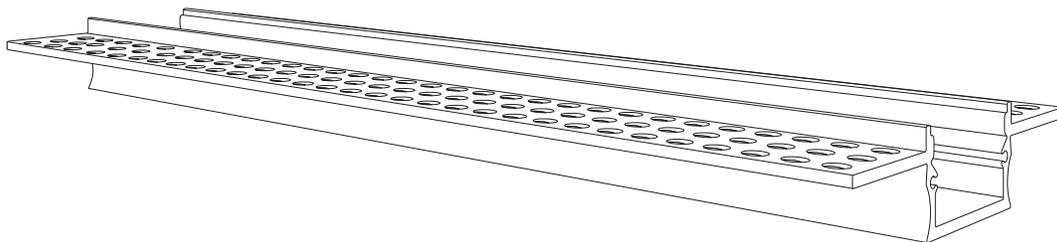
### Diagram



### Description

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

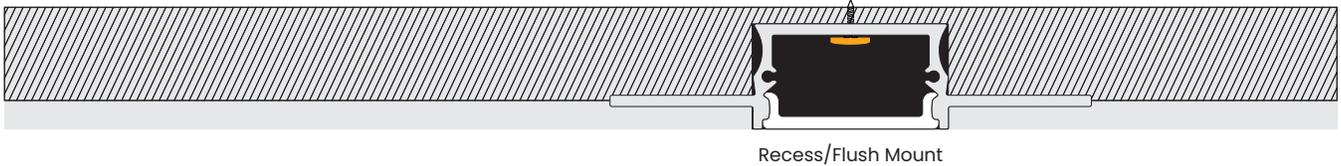
### Shop Drawing



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### Installation Types



Notes:

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

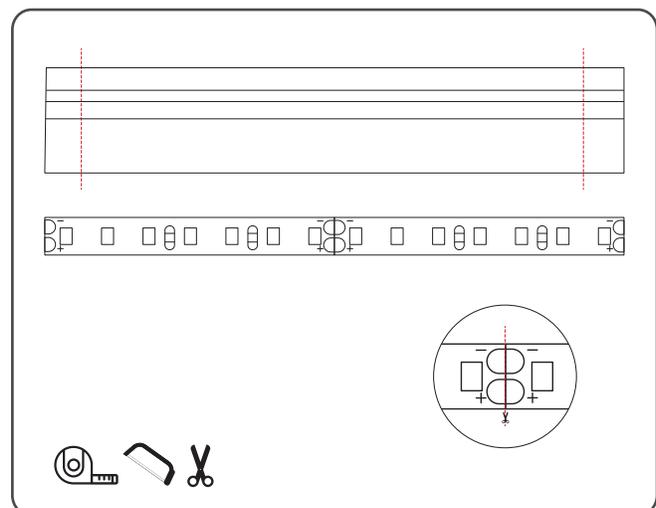
**\*\*You can fully install ribbon and lens before finishing if desired, but lens may be damaged by finishers\*\***

### Step 1

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

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

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



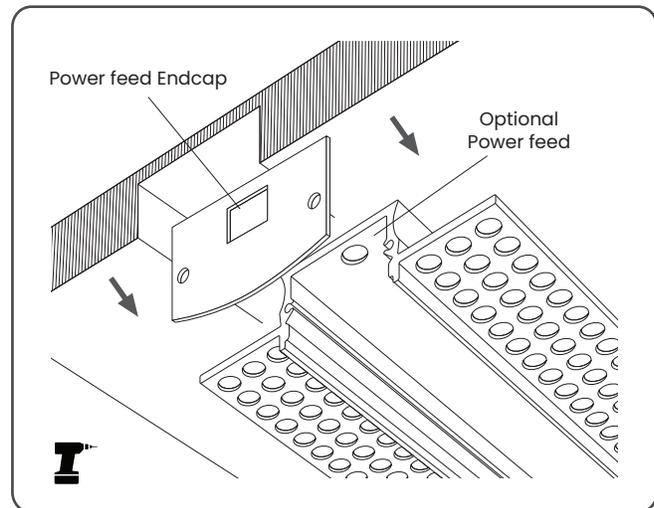
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### Step 2

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

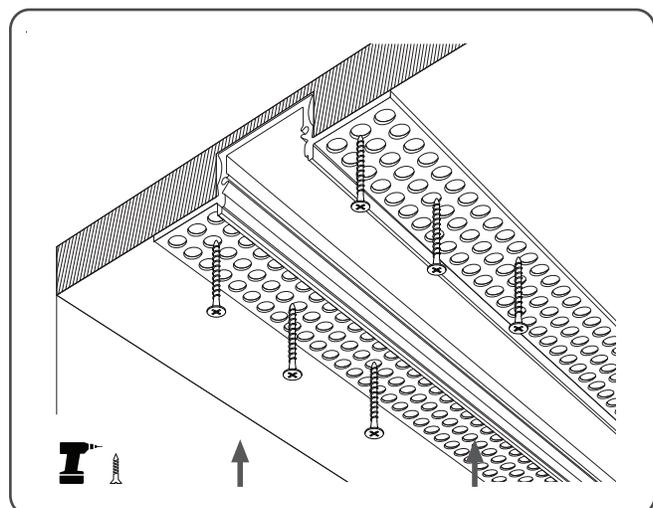
If feeding power from the bottom of fixture, drill hole in desired location prior to installation.



### 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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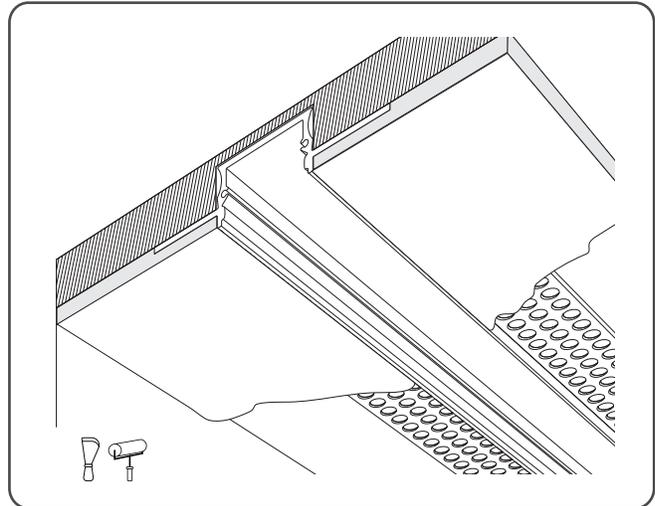
## Diffusion LED Channel

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### Step 4

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

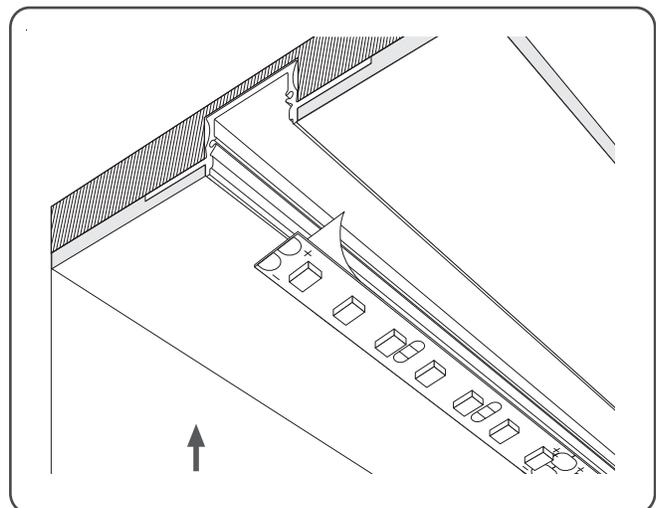


### Step 5

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Install ribbon using pre-cut pieces and/or adaptors, ensuring power feed is at 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

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

Finished!

