

# SLC-034R

## 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.

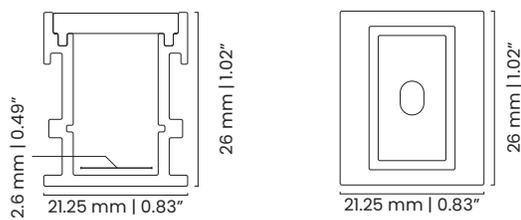
Ensure that electrical power is turned OFF before and during installation or maintenance.

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.

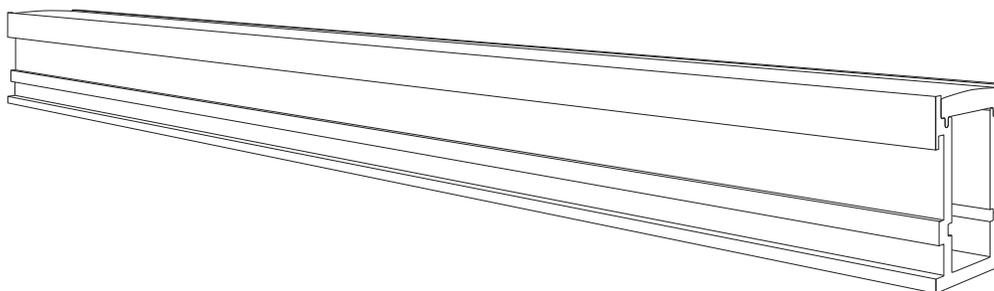
### Diagram



### Description

Diffusion SLC-034R is an In-floor, anodized aluminum channel that comes complete with two endcaps, and a 3mm thick opal polycarbonate lens.

### Shop Drawing

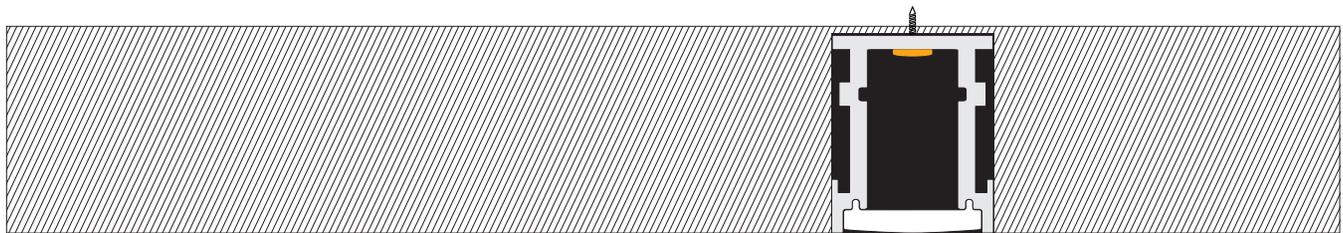


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### Installation Types



#### Notes:

*\*\*If installing outside, seal hole where power feed exits fixture with silicone\*\**

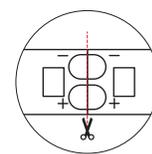
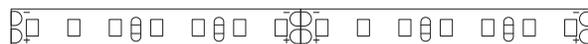
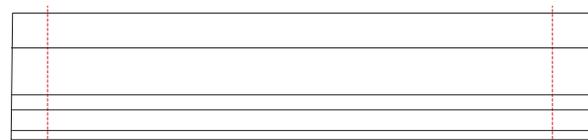
*\*\*Fixture should be built and installed based around the lengths of ribbon and power feed locations\*\**

### 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).



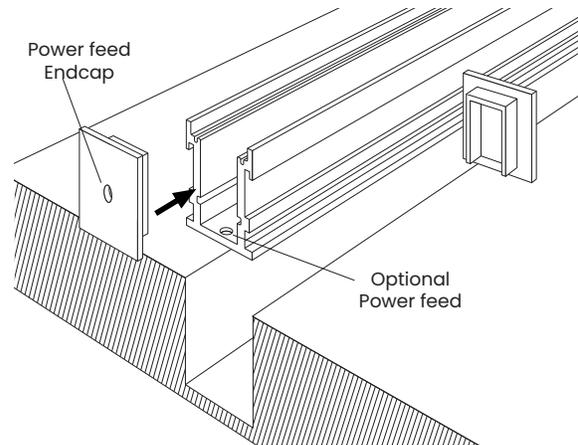
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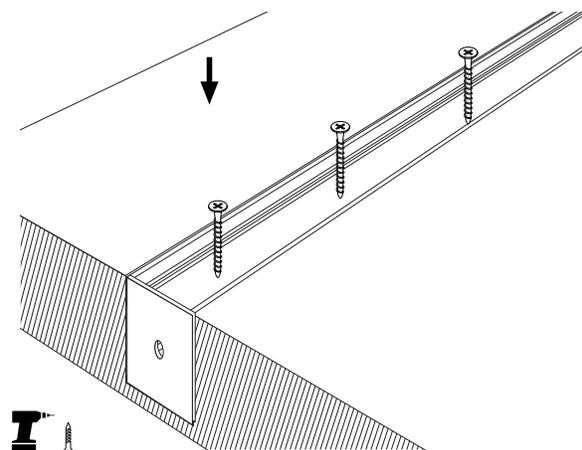
### Step 2

If feeding power from the bottom of the fixture, drill a hole in the desired location before installing the ribbon. Install the endcaps, ensuring the power feed endcap is at the appropriate end.



### Step 3

Fasten the channel inside the recessed opening of the floor by pre-drilling countersunk holes and using screws.



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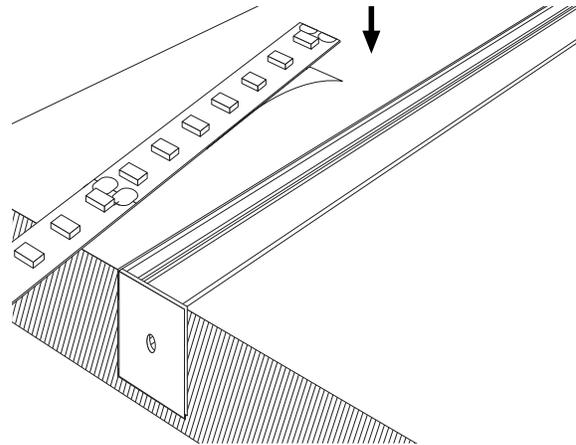
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### Step 4

Install the ribbon using pre-cut pieces or adapters, ensuring the 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 it to the channel.



### Step 5

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!

