

SLC-034R

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.

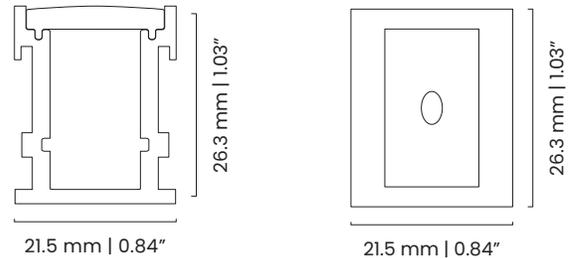
Be certain electrical power is OFF before and during installation and maintenance.

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.

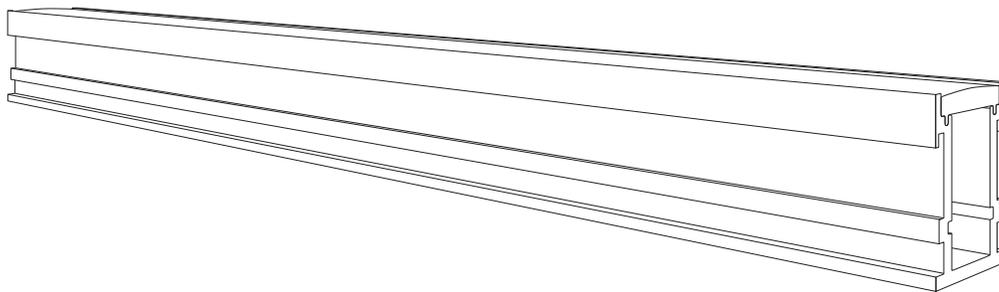
Diagram



Description

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

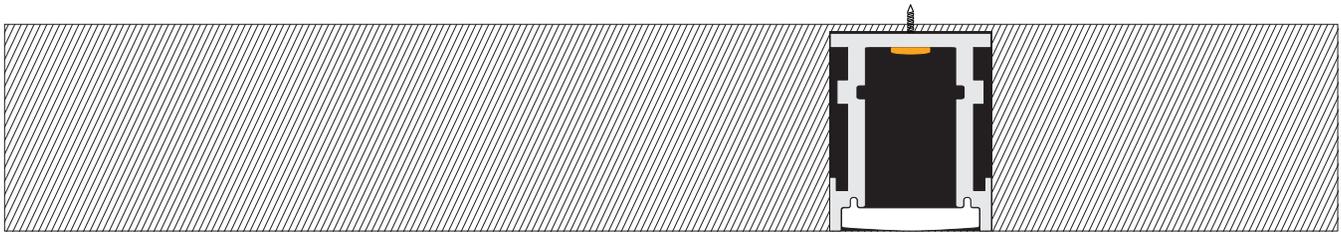
Shop Drawing



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Installation Types



Recess/Flush Mount

Notes:

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

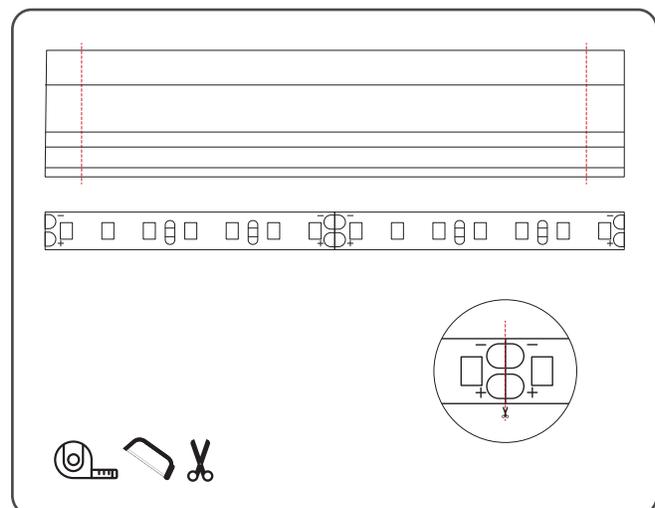
****Fixture should be built and installed based around the lengths of ribbon and power feed locations****

Step 1

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

You can cut 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).



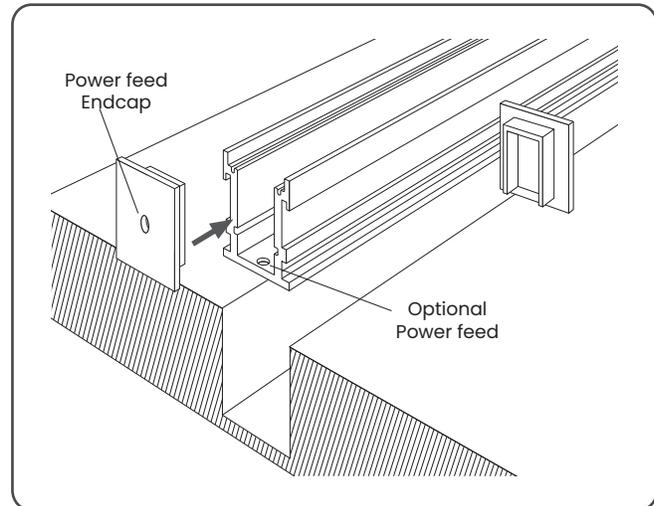
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Step 2

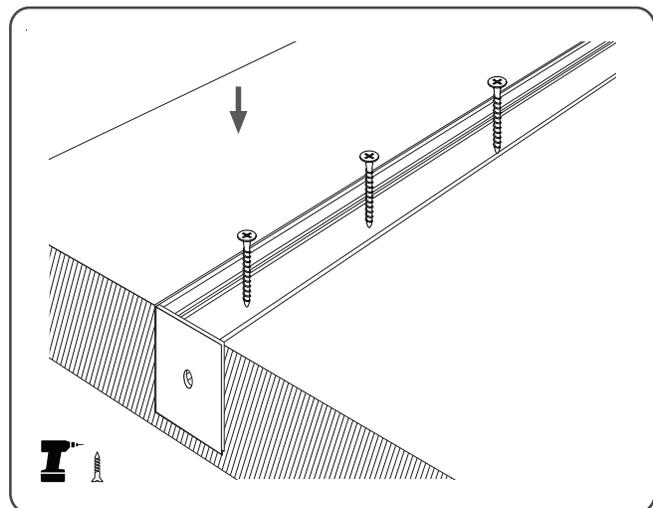
If feeding power from the bottom of fixture, drill hole in desired location prior to installing the ribbon.

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



Step 3

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



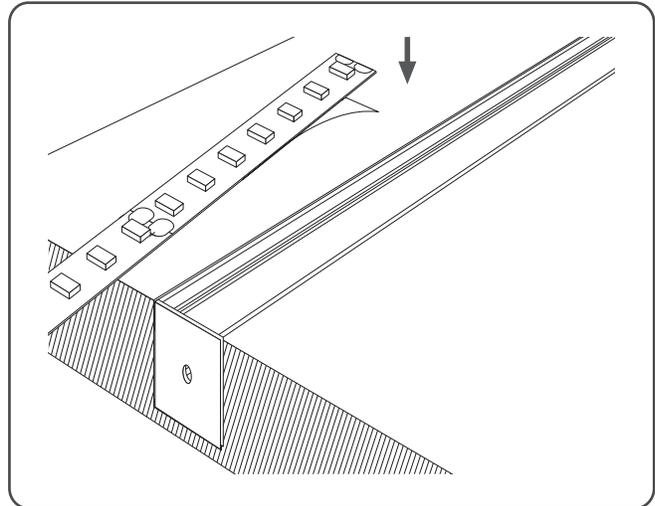
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Step 4

Install ribbon using pre-cut pieces 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.



Step 5

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

Finished!

