

SLC-011S

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.

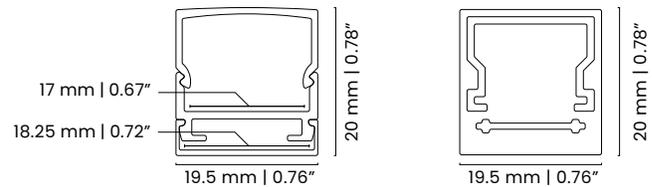
Ensure that electrical power is turned OFF before and during installation or maintenance.

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.

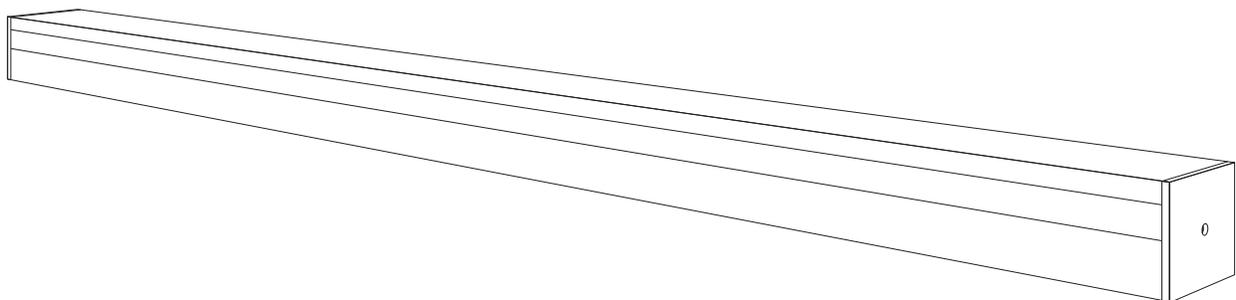
Diagram



Description

Diffusion SLC-011S is a Two part, anodized aluminum LED extrusion that comes complete with two endcaps and an opal polycarbonate lens.

Shop Drawing

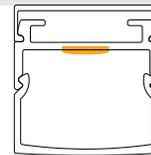
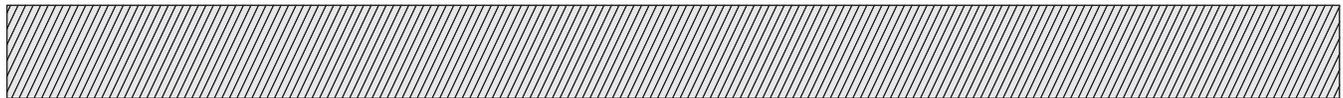


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Installation Types



Surface Mount

Notes:

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

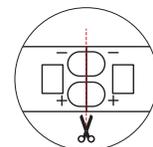
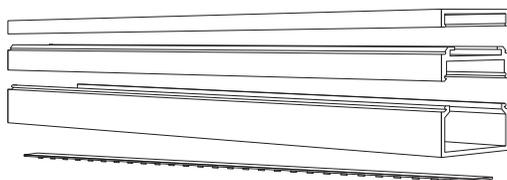
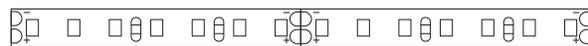
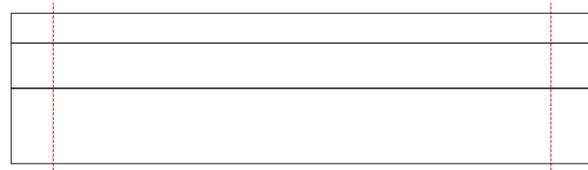
Step 1

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.

For fixture length that is more than 8 feet refer to step 6.

Instruction (Surface Mount, Less than 8ft)



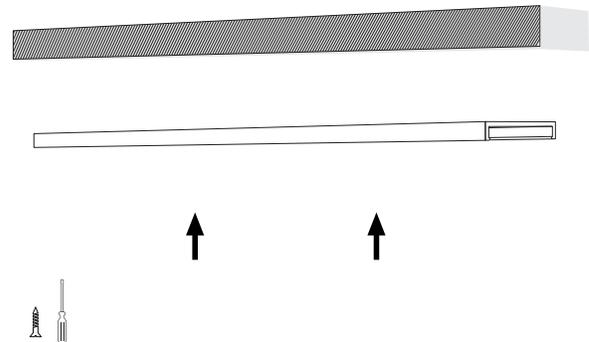
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Step 2

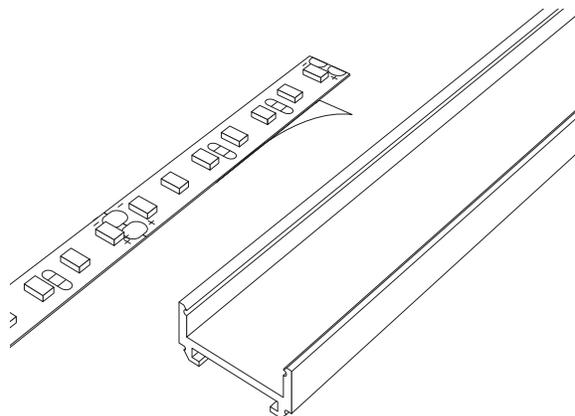
Install mounting rail. Ensuring a straight line using a laser, chalk line, or jig.



Step 3

Install ribbon using pre-cut pieces 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.



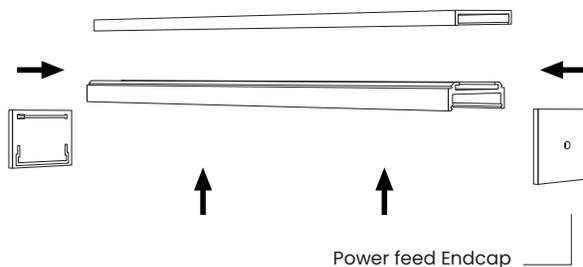
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Step 4

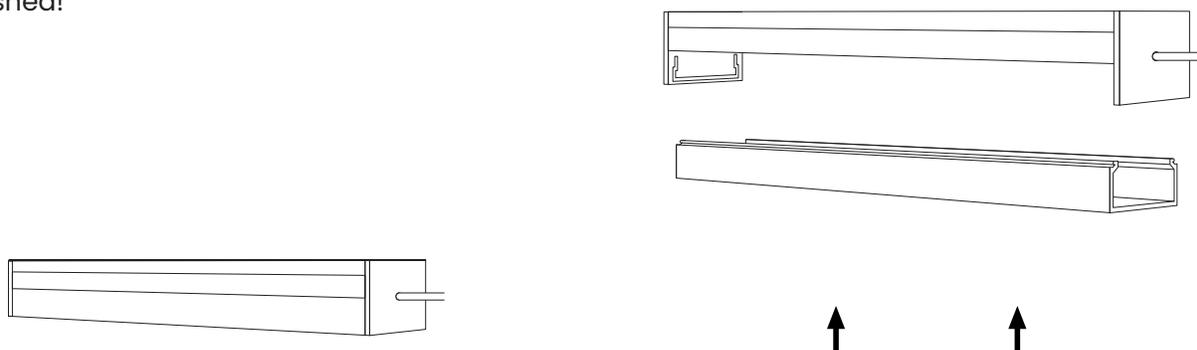
Install the channel followed by endcaps, ensuring the power feed endcap is at the appropriate end.



Step 5

Snap the lens into place.

Finished!



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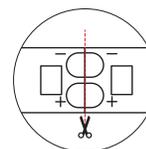
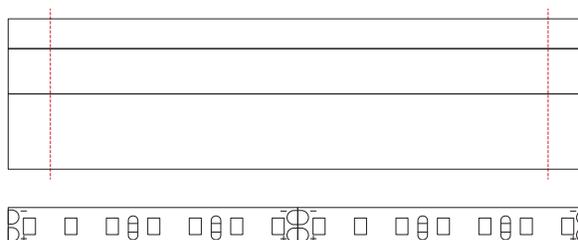
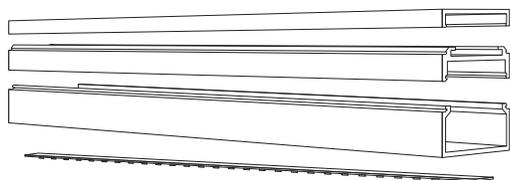
Step 6

Instruction (More than 8ft)

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

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

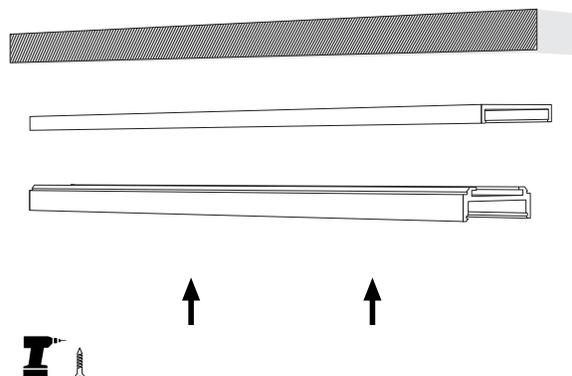
Cut angles into ends of the channel if required. (Such as 45 degrees on two ends to make a 90-degree turn).



Step 7

Install mounting rails. Ensuring a straight line using a laser, chalk line, or jig.

Install channel pieces, making sure the run is straight with seams, edges, and joints lining up tightly.



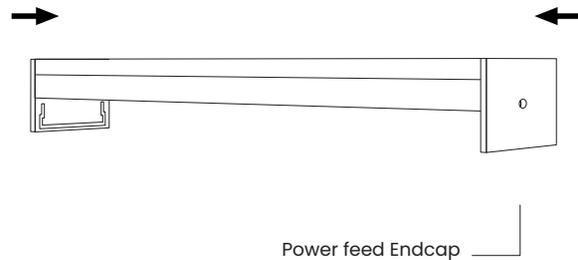
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Step 8

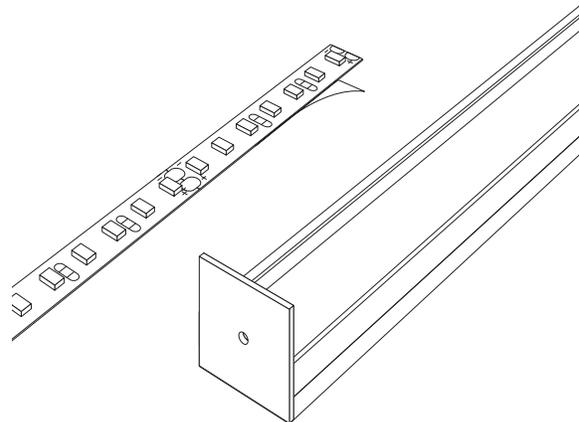
Install endcaps, ensuring the power feed endcap is at the appropriate end.



Step 9

Install ribbon using pre-cut pieces 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 10

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!

