

# SL1-Indoor

## Diffusion LED Ribbon



4.8 W/M(1.5W/FT)  
LED Watts

60/M(18/FT)  
LED/Meter

91+  
CRI

24V DC  
Power Input



16 FT ROLL

100 FT ROLL

CUSTOM CUT

The Diffusion SL1 Indoor is a flexible 8 mm wide linear LED strip. It is available in 16 ft and 100 ft rolls that can be cut every 6 LEDs (100 mm or 4 in)

Custom lengths available upon request

### Lumens

<b>2700K</b> 394 lm/m (120 lm/ft)	<b>3000K</b> 416 lm/m (126 lm/ft)	<b>3400K</b> 438 lm/m (132 lm/ft)	<b>4100K</b> 460 lm/m (140 lm/ft)
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Custom Kelvins available upon request



### Specifications

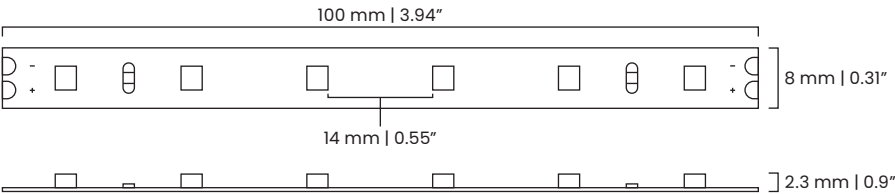
<b>Wattage</b>	4.8 W/m (1.5W/ft)	<b>Max Run Length for Class 2</b>	53 ft
<b>Voltage</b>	24 Volts DC	<b>Max Run Length Product Limitation</b>	32 ft
<b>Roll Length</b>	16 ft, 100 ft, Custom Cut	<b>Operating Temp</b>	-40°C to 120°C
<b>Dimmable</b>	Yes	<b>Cutting Point</b>	4 in
<b>Lamp Life</b>	50,000 hrs LM-80	<b>Adhesive</b>	3M Double Coated
<b>CRI</b>	91 + CRI	<b>Warranty</b>	5 Year Warranty

### Ordering Information

Ordering Code	Length	Voltage	Kelvin
SL1 - IN	XX 16 ft 100 ft CUSTOM CUT	24V	XX 2700K 3000K 3400K 4100K

Custom Kelvins available upon request

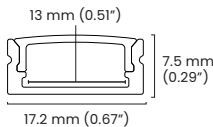
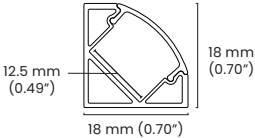
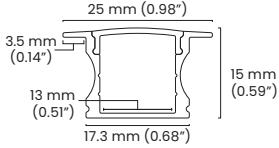
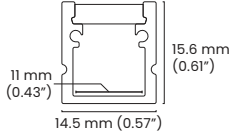
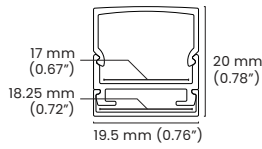
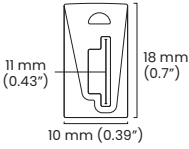
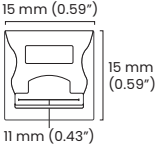
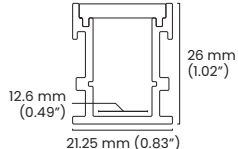
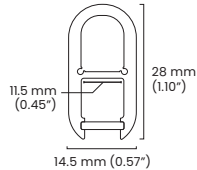
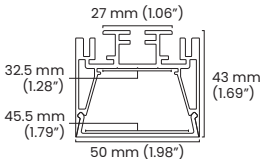
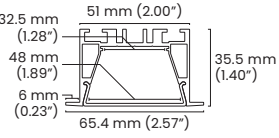
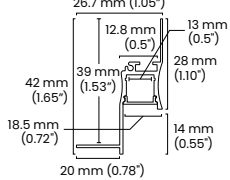
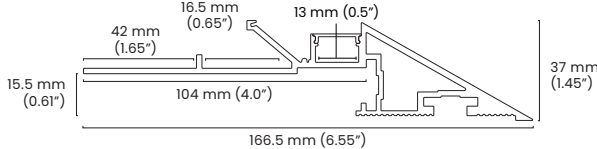
### Diagram



# SL1-Indoor

## Diffusion LED Ribbon

## Common Pairings Channel

<b>SLC-002S</b> Slim Profile Channel  <p>*Shows Dotting</p>	<b>SLC-007S</b> 45 Degree Channel  <p>*Shows Dotting</p>	<b>SLC-003R</b> Ressed Channel  <p>*Shows Dotting</p>	<b>SLC-402S</b> Square Channel  <p>*Shows Dotting *Connectors don't fit</p>
<b>SLC-011S</b> Three Sided Lens Channel  <p>*Shows Dotting</p>	<b>SLC-026F</b> Sideways Flex Channel  <p>*Shows Dotting *Only available for Custom Cut (Not field cuttable)</p>	<b>SLC-027F</b> Up/Down Flex Channel  <p>*Shows Dotting *Only available for Custom Cut (Not field cuttable)</p>	<b>SLC-034R</b> Walk Over Channel 
<b>SLC-037C</b> Closet Rod Channel  <p>*Shows Dotting Also Available as Suspended Luminaire</p>	<b>SLC-050SPWH</b> Surface/Suspended Mount  <p>*Dual Row Ribbon</p>	<b>SLC-065RWH</b> Recessed Comes With Spring Clips  <p>*Dual Row Ribbon</p>	<b>SLC - 090TWH</b> Perimeter Cove Channel  <p>*Shows Dotting</p>
<b>SLC-098KE</b> Knife Edge Channel  <p>*Shows Dotting</p>			

### \*More Channel options available online

All Aluminum LED channels can be cut on-site using a miter saw equipped with a circular blade designed for cutting aluminum.

LED channels are sold separately. Refer to their respective spec sheets for additional details

[Visit LED Channel Catalog](#)

# SL1-Indoor

## Diffusion LED Ribbon



### LED Ribbon Wattage

4.8W/M(1.5W/FT)

### LED Power Consumption

#### Residential

Total Watts Needed = (1.5 Watts Foot × Number of Feet) × 0.9

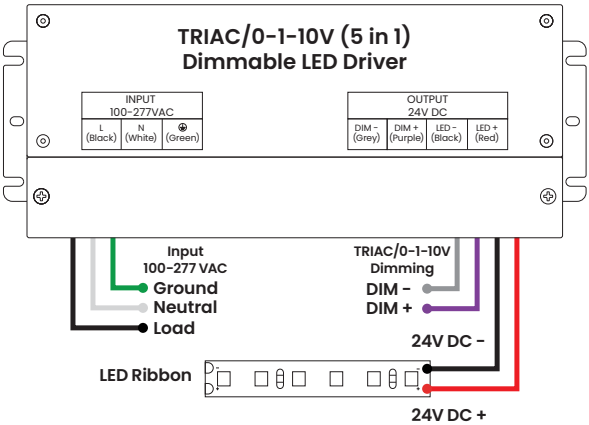
#### Commercial

Total Watts Needed = (1.5 Watts Foot × Number of Feet) × 0.8

Note: Maximum run length is 53' to stay in Class 2

Max distance of a driver is based on voltage loss calculation. Stay within 2% voltage loss

Forward / Reverse Phase, ELV, TRIAC, or  
0-10V Dimmers all in one LED Driver



## DLMULTI-024 Series

### Diffusion LED Driver

#### Specifications

Input Voltage	100-277 VAC	Environment	Indoor and Outdoor
Output Voltage	24V DC	Operating Temp	-40°C to 80°C
Dimming Range	0-100%	IP Rating	NEMA 4X
Dimmable	Yes	Warranty	5 Years

Product Title	Wattage	Output Current	Driver Dimension	Knock Outs
DLMULTI-024-30W Within Class 2	30W	1.25 A	165 mm L x 95 mm W x 26 mm H 6.49 in L x 3.75 in W x 1.02 in H	0.5 in (ID) <small>Standard 1/2" won't fit Includes 2 Connectors</small>
DLMULTI-024-60W Within Class 2	60W	2.5 A	188 mm L x 95 mm W x 26 mm H 7.40 in L x 3.75 in W x 1.02 in H	0.5 in (ID) <small>Standard 1/2" won't fit Includes 2 Connectors</small>
DLMULTI-024-100W Within Class 2	100W	4.16 A	220 mm L x 95 mm W x 41 mm H 8.66 in L x 3.75 in W x 1.61 in H	0.85 in (ID)
DLMULTI-024-150W Exceeds Class 2	150W	6.25 A	260 mm L x 104 mm W x 46 mm H 10.23 in L x 4.09 in W x 1.81 in H	0.85 in (ID)
DLMULTI-024-200W Exceeds Class 2	200W	8.33 A	260 mm L x 104 mm W x 46 mm H 10.23 in L x 4.09 in W x 1.81 in H	0.85 in (ID)
DLMULTI-024-300W Exceeds Class 2	300W	12.5 A	278 mm L x 110 mm W x 46 mm H 10.94 in L x 4.33 in W x 1.81 in H	0.85 in (ID)
DLMULTI-024-192W-2T Within Class 2	192W (2*96W)	2X 4.0 A	278 mm L x 110 mm W x 46 mm H 10.94 in L x 4.33 in W x 1.81 in H	0.85 in (ID)
DLMULTI-024-288W-3T Within Class 2	288W (3X 96W)	3X 4.0 A	303 mm L x 110 mm W x 46 mm H 11.93 in L x 4.33 in W x 1.81 in H	0.85 in (ID)
DLMULTI-024-384W-4T Within Class 2	384W (4X 96W)	4X 4.0 A	325 mm L x 140 mm W x 48 mm H 12.79 in L x 5.51 in W x 1.89 in H	0.85 in (ID)