

SL7.5-DW-Indoor

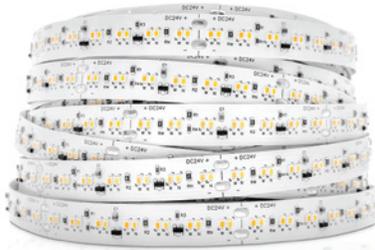
Diffusion LED Ribbon

18W/M(5W/FT)
LED Watts

234/M(70/FT)
LED/Meter

95+
CRI

24V DC
Power Input



CUSTOM CUT ONLY

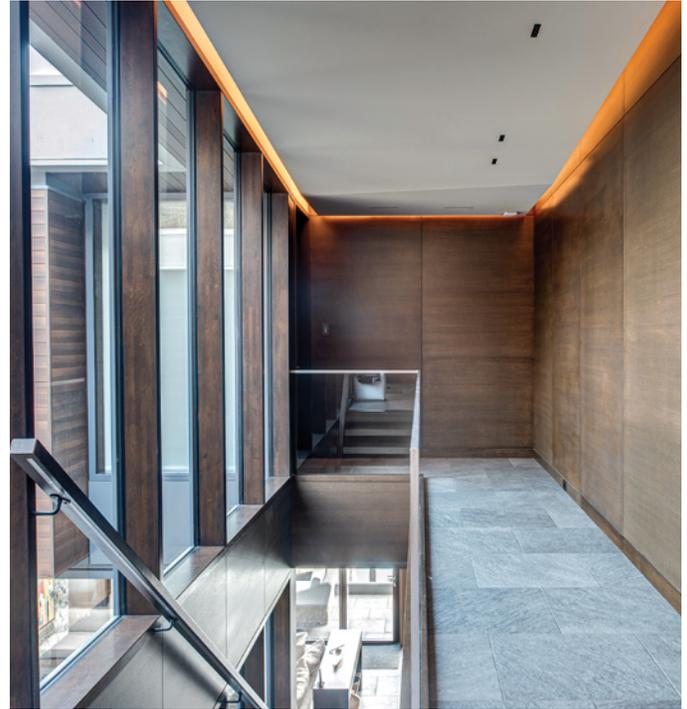
The Diffusion SL7.5-DW Indoor is a flexible 10 mm wide linear LED strip. It offers dim-to-warm functionality, allowing you to create the perfect warm glow for any ambiance. It can cut every 14 LED chips (63 mm or 2.5 in)

Custom lengths available upon request

Lumens

1800K - 3000K
≤ 1770 lm/m
(≤ 539 lm/ft)

Exact Kelvin range will slightly change
Custom Kelvins available upon request



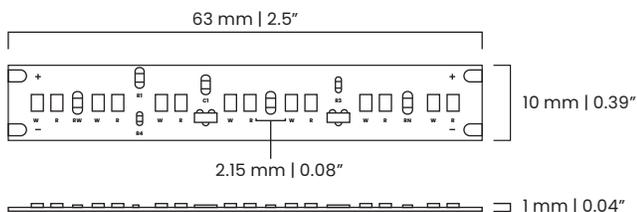
Specifications

Wattage	18 W/m (5 W/ft)	Max Run Length for Class 2	16 ft
Voltage	24 Volts DC	Max Run Length Product Limitation	32 ft
Roll Length	Custom Cut Only	Operating Temp	-40°C to 120°C
Dimmable	Yes	Cutting Point	2.5 in
Lamp Life	50,000 hrs LM-80	Adhesive	3M Double Coated
CRI	95 + CRI	Warranty	5 Year Warranty

Ordering Information

Ordering Code	Length	Voltage	Kelvin
SL7.5-DW - IN	XX CUSTOM CUT ONLY	24V	1800K/3000K

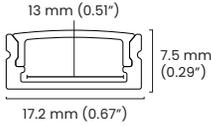
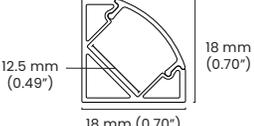
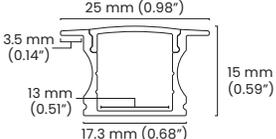
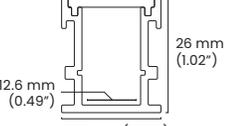
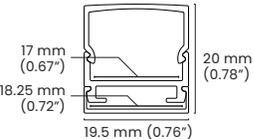
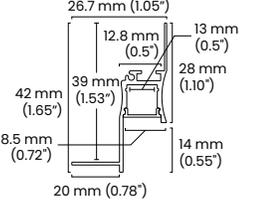
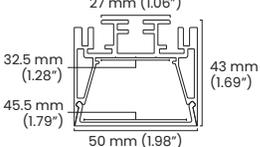
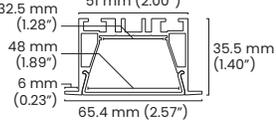
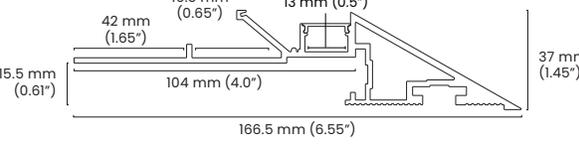
Diagram



SL7.5-DW-Indoor

Diffusion LED Ribbon

Common Pairings Channel

<p>SLC-002S Slim Profile Channel</p>  <p>13 mm (0.51") 7.5 mm (0.29") 17.2 mm (0.67")</p> <p>*Shows Dotting</p>	<p>SLC-007S 45 Degree Channel</p>  <p>12.5 mm (0.49") 18 mm (0.70") 18 mm (0.70")</p>	<p>SLC-003R Resessed Channel</p>  <p>25 mm (0.98") 3.5 mm (0.14") 13 mm (0.51") 17.3 mm (0.68") 15 mm (0.59")</p>	<p>SLC-034R Walk Over Channel</p>  <p>12.6 mm (0.49") 26 mm (1.02") 21.25 mm (0.83")</p>
<p>SLC-011S Three Sided Lens Channel</p>  <p>17 mm (0.67") 18.25 mm (0.72") 19.5 mm (0.76") 20 mm (0.78")</p>	<p>SLC - 090TWH Perimeter Cove Channel</p>  <p>26.7 mm (1.05") 12.8 mm (0.5") 13 mm (0.5") 42 mm (1.65") 39 mm (1.53") 28 mm (1.10") 18.5 mm (0.72") 14 mm (0.55") 20 mm (0.78")</p>	<p>SLC-050SPWH Surface/Suspended Mount</p>  <p>27 mm (1.06") 32.5 mm (1.28") 45.5 mm (1.79") 50 mm (1.98") 43 mm (1.69")</p> <p>*Dual Row Ribbon</p>	<p>SLC-065RWH Recessed Comes With Spring Clips</p>  <p>32.5 mm (1.28") 48 mm (1.89") 6 mm (0.23") 51 mm (2.00") 65.4 mm (2.57") 35.5 mm (1.40")</p> <p>*Dual Row Ribbon</p>
<p>SLC-098KE Knife Edge Channel</p>  <p>15.5 mm (0.61") 42 mm (1.65") 16.5 mm (0.65") 13 mm (0.5") 104 mm (4.0") 166.5 mm (6.55") 37 mm (1.45")</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](#)

SL7.5-DW-Indoor Diffusion LED Ribbon

LED Ribbon Wattage

18W/M(5W/FT)

LED Power Consumption

Residential

Total Watts Needed = (5 Watts Foot × Number of Feet) × 0.9

Commercial

Total Watts Needed = (5 Watts Foot × Number of Feet) × 0.8

Note: Maximum run length is 16' to stay in Class 2

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

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)

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

