

SL7.5-Outdoor

Diffusion LED Ribbon



BY RJCROSS

14.4W/M(4.5W/FT)

266/M(77/FT)

IP67

95+

24V DC

LED Watts

LED/Meter

IP Rating

CRI

Power Input



CUSTOM CUT ONLY

The Diffusion SL7.5 Outdoor is a high-fidelity flexible 12 mm wide linear LED strip. It is only available in custom cut and can be cut every 7 LED chips (25 mm or 1 in).

Custom lengths available upon request

Lumens

2700K	3000K	3400K	4100K
1418 lm/m (425 lm/ft)	1512 lm/m (453 lm/ft)	1620 lm/m (486 lm/ft)	1742 lm/m (522 lm/ft)

Custom Kelvins available upon request

Specifications

Wattage	14.4 W/m (4.5 W/ft)	Max Run Length for Class 2	18 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	Environment	Sauna Approved
Lamp Life	50,000 hrs LM-80	IP Rating	IP67
CRI	95 + CRI	Warranty	5 Year Warranty
Cutting Point	1 in		

Ordering Information

Ordering Code

SL7.5-OUT

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Length

XX

CUSTOM CUT ONLY

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Voltage

24V

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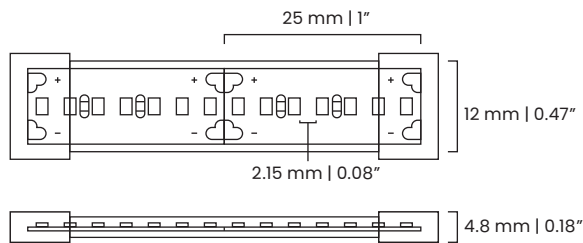
Kelvin

XX

2700K
3000K
3400K
4100K

Custom Kelvins available upon request

Diagram



SL7.5-Outdoor Diffusion LED Ribbon

Common Pairings Channel

SLC-002S Slim Profile Channel 	SLC-007S 45 Degree Channel 	SLC-003R Ressed Channel 	SLC-011S Three Sided Lens Channel
SLC-034R Walk Over Channel 	SLC-050SPWH Surface/Suspended Mount *Dual Row Ribbon	SLC-065RWH Reecessed Comes With Spring Clips *Dual Row Ribbon	SLC - 090TWH Perimeter Cove Channel
SLC-098KE Knife Edge Channel 			

*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](#)

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LED Ribbon Wattage

14.4 W/M(4.5 W/FT)

LED Power Consumption

Residential

Total Watts Needed = (4.5 Watts Foot × Number of Feet) × 0.9

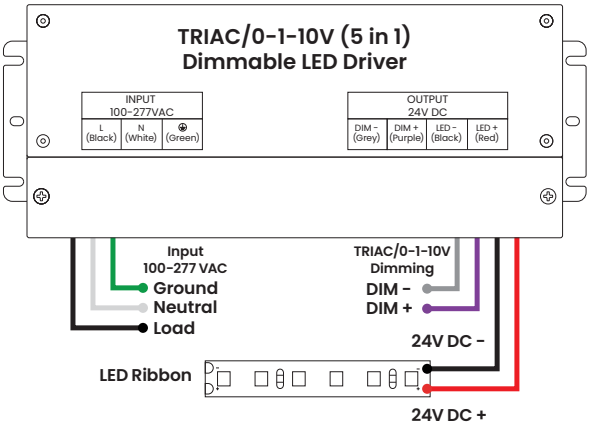
Commercial

Total Watts Needed = (4.5 Watts Foot × Number of Feet) × 0.8

Note: Maximum run length is 18' 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) Standard 1/2" won't fit Includes 2 Connectors
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) Standard 1/2" won't fit Includes 2 Connectors
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)