

SL6-Outdoor

Diffusion LED Ribbon



BY RJCROSS

14.4W/M(4.5W/FT)

120/M(36/FT)

IP67

91+

24V DC

LED Watts

LED/Meter

IP Rating

CRI

Power Input



16 FT ROLL

32 FT ROLL

CUSTOM CUT

The Diffusion SL6 Outdoor is a flexible 12 mm wide linear LED strip. It is available in 16 ft and 32 ft rolls that can be cut every 6 LEDs (50 mm or 2 in).

Custom lengths available upon request

Lumens

2200K	2700K	3000K	3400K	4100K	5000K
1120 lm/m (336 lm/ft)	1220 lm/m (366 lm/ft)	1282 lm/m (384 lm/ft)	1344 lm/m (402 lm/ft)	1400 lm/m (420 lm/ft)	1580 lm/m (474 lm/ft)

Custom Kelvins available upon request

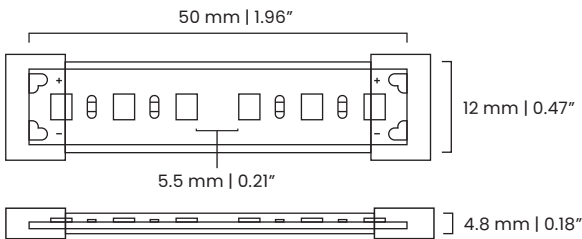
Specifications

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	16 ft, 32 ft, Custom Cut	Operating Temp	-40°C to 120°C
Dimmable	Yes	Environment	Sauna Approved
Lamp Life	50,000 hrs LM-80	IP Rating	IP67
CRI	91 + CRI	Warranty	5 Year Warranty
Cutting Point	2 in		

Ordering Information

Ordering Code	Length	Voltage	Kelvin
SL6-OUT	XX	24V	XX
	16 ft		2200K
	32 ft		2700K
	CUSTOM CUT		3000K
			3400K
			4100K
			5000K

Diagram

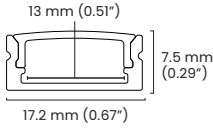
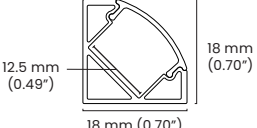
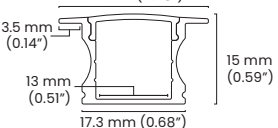
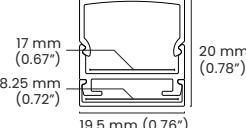
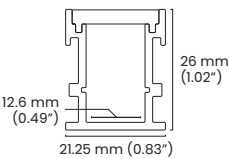
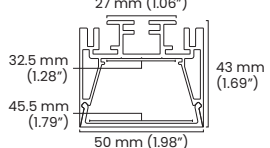
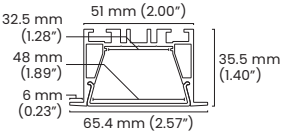
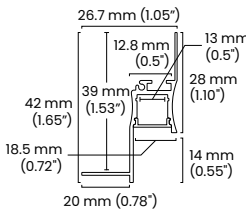
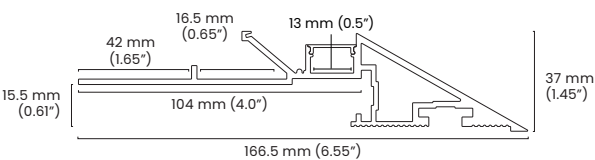


Custom Kelvins available upon request



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Common Pairings Channel

SLC-002S Slim Profile Channel  *Shows Dotting	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

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)

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

