

SL-COB6 Outdoor

Diffusion LED Ribbon



16W/M(5W/FT)
LED Watts

896/M(273/FT)
LED/Meter

91+
CRI

24V DC
Power Input



16 FT ROLL

CUSTOM CUT

Diffusion SL-COB6-Outdoor is a flexible 14mm wide RGBW COB LED Ribbon that delivers smooth, dot-free illumination with vibrant color-changing and white light capabilities. It is available in 16' rolls as well as custom cuts and can be cut every 62.5mm (2.5").

Custom lengths available upon request

Lumens

Red	Green	Blue	W(2700K)
72 lm/m (22 lm/ft)	408 lm/m (124 lm/ft)	60 lm/m (18 lm/ft)	320 lm/m (97.5 lm/ft)



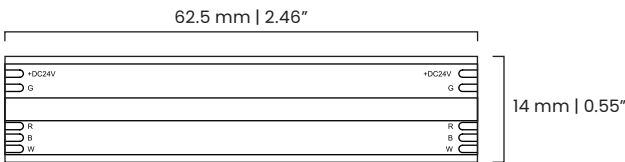
Specifications

Wattage	16 W/m (5 W/ft)	Max Run Length Product Limitation	16 ft
Voltage	24 Volts DC	Environment	Indoor and Outdoor
Roll Length	16 ft and Custom Cut	Suitability	Sauna Approved
Dimmable	Yes	Operating Temp	-40°C to 120°C
Lamp Life	50,000 hrs LM-80	IP Rating	IP67
CRI	91 + CRI	Cutting Point	2.5 in
Beam Angle	135°	Warranty	5 Year Warranty

Ordering Information

Ordering Code	Length	Voltage	Kelvin
SL-COB6-OUT	XX 16 ft CUSTOM CUT	24V	XX RGBW

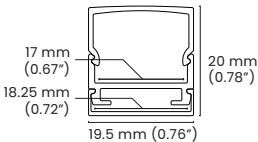
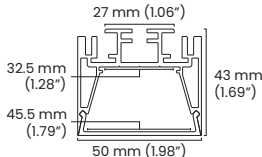
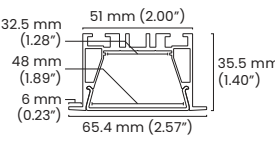
Diagram



SL-COB6 Outdoor Diffusion LED Ribbon



Common Pairings Channel

SLC-011S Three Sided Lens Channel  17 mm (0.67") 18.25 mm (0.72") 19.5 mm (0.76") 20 mm (0.78")	SLC-050SPWH Surface/Suspended Mount  27 mm (1.06") 32.5 mm (1.28") 43 mm (1.69") 45.5 mm (1.79") 50 mm (1.98") *Dual Row Ribbon	SLC-065RWH Reecessed Comes With Spring Clips  32.5 mm (1.28") 48 mm (1.89") 51 mm (2.00") 6 mm (0.23") 65.4 mm (2.57") 35.5 mm (1.40") *Dual Row Ribbon
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*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

SL-COB6 Outdoor Diffusion LED Ribbon



LED Ribbon Wattage

16W/M(5W/FT)

LED Power Consumption

Residential

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

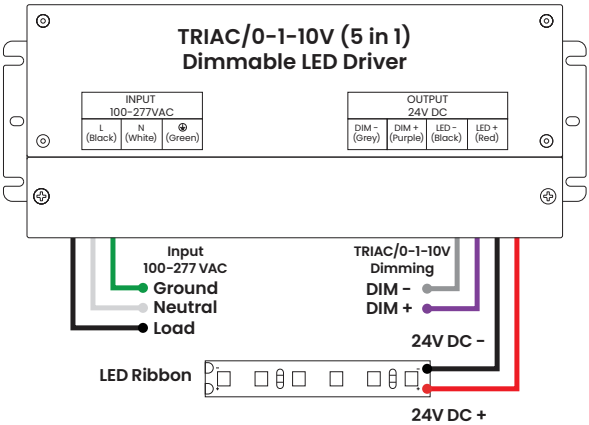
Commercial

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

Note: The max run length product limitation is 16'

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)