

SL-COB6 Indoor Diffusion LED Ribbon

Diffusion Lighting

BY RJCROSS

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-Indoor is a flexible 12mm 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 72 lm/m (22 lm/ft)	Green 408 lm/m (124 lm/ft)	Blue 60 lm/m (18 lm/ft)	W(400K) 320 lm/m (97.5 lm/ft)
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Specifications

Wattage	16 W/m (5 W/ft)	Beam Angle	135°
Voltage	24 Volts DC	Max Run Length Product Limitation	16 ft
Roll Length	16 ft and Custom Cut	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	91 + CRI	Warranty	5 Year Warranty

Ordering Information

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

Diagram

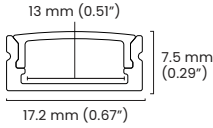
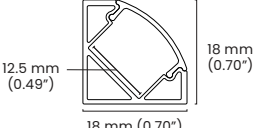
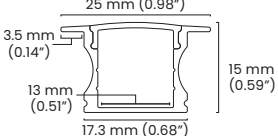
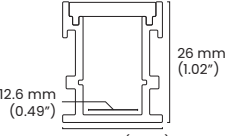
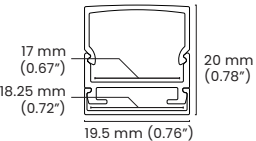
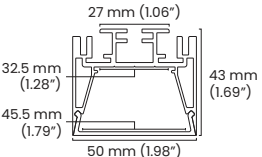
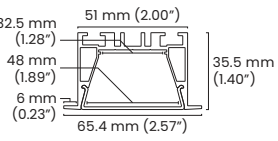
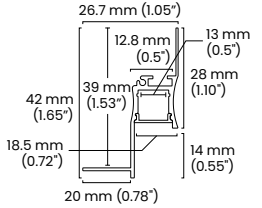
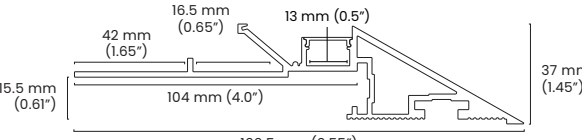
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SL-COB6 Indoor Diffusion LED Ribbon

Common Pairings Channel

SLC-002S Slim Profile Channel  *Shows Dotting	SLC-007S 45 Degree Channel 	SLC-003R Resessed Channel 	SLC-034R Walk Over Channel 
SLC-011S Three Sided Lens 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

SL-COB6 Indoor 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

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

