

SL-COBHE4 Indoor Diffusion LED Ribbon



BY RJCROSS

14W/M(4.25W/FT)
LED Watts

528/M(160/FT)
LED/Meter

91+
CRI

24V DC
Power Input



16 FT ROLL

CUSTOM CUT

Diffusion SL-COBHE4-Indoor is a High light efficiency flexible 10mm wide COB LED Ribbon that delivers smooth, dot-free illumination with high light efficiency. It is available in 16' rolls as well as custom cuts and can be cut every 50mm (2").

Custom lengths available upon request

Lumens

2700K
1680 lm/m
(512 lm/ft)

3000K
1830 lm/m
(558 lm/ft)

4000K
1235 lm/m
(640 lm/ft)

Custom Kelvins available upon request



Specifications

Wattage	14 W/m (4.25 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 in
Lamp Life	50,000 hrs LM-80	Adhesive	3M Double Coated
CRI	91 + CRI	Warranty	5 Year Warranty

Ordering Information

Ordering Code

SL-COBHE4-IN

—

Length

XX

16 ft
CUSTOM CUT

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Voltage

24V

—

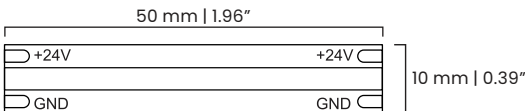
Kelvin

XX

2700K
3000K
4000K

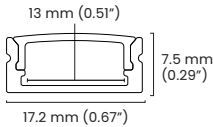
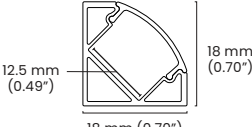
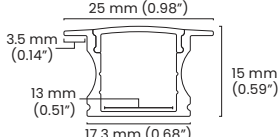
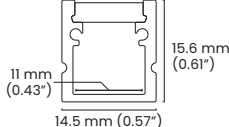
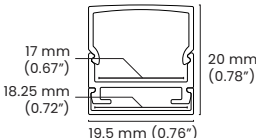
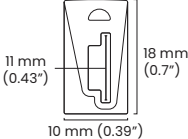
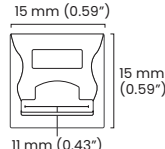
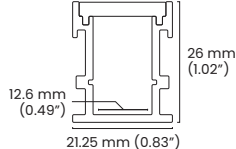
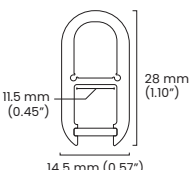
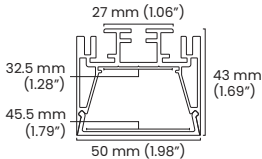
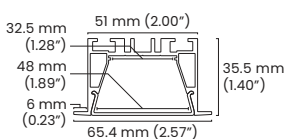
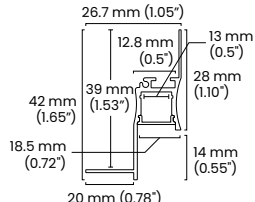
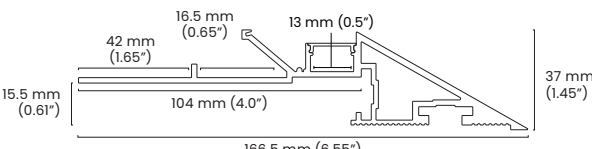
Custom Kelvins available upon request

Diagram



SL-COBHE4 Indoor Diffusion LED Ribbon

Common Pairings Channel

SLC-002S Slim Profile Channel  *Shows Dotting	SLC-007S 45 Degree Channel 	SLC-003R Ressed Channel 	SLC-402S Square Channel  *Connectors don't fit
SLC-011S Three Sided Lens Channel 	SLC-026F Sideways Flex Channel  *Only available for Custom Cut (Not field cuttable)	SLC-027F Up/Down Flex Channel  *Only available for Custom Cut (Not field cuttable)	SLC-034R Walk Over Channel 
SLC-037C Closet Rod Channel  Also Available as Suspended Luminaire	SLC-050SPWH Surface/Suspended Mount  *Dual Row Ribbon	SLC-065RWH Recessed 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-COBHE4 Indoor Diffusion LED Ribbon



LED Ribbon Wattage

14W/M(4.25W/FT)

LED Power Consumption

Residential

Total Watts Needed = (4.25 Watts Foot × Number of Feet) × 0.9

Commercial

Total Watts Needed = (4.25 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

