

# SL-COBCA4 Indoor Diffusion LED Ribbon



**13W/M(4W/FT)**  
LED Watts

**528/M(160/FT)**  
LED/Meter

**91+**  
CRI

**24V DC**  
Power Input



**16 FT ROLL**

**CUSTOM CUT**

Diffusion SL-COBCA4-Indoor is a flexible 8mm wide cut-anywhere COB LED Ribbon that delivers smooth, dot-free illumination. It is available in 16' rolls as well as custom cuts and features cut anywhere technology, allowing it to be trimmed at virtually any point along the ribbon with a minimum cutting increment of 3.78mm (0.15")

*Custom lengths available upon request*

## Lumens

**2700K**  
1105 lm/m  
(337 lm/ft)

**3000K**  
1170 lm/m  
(356 lm/ft)

**4000K**  
1235 lm/m  
(376 lm/ft)

*Custom Kelvins available upon request*



## Specifications

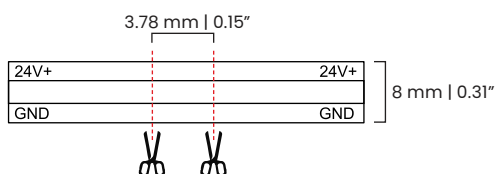
|                    |                      |                                          |                  |
|--------------------|----------------------|------------------------------------------|------------------|
| <b>Wattage</b>     | 13 W/m (4 W/ft)      | <b>Beam Angle</b>                        | 135°             |
| <b>Voltage</b>     | 24 Volts DC          | <b>Max Run Length Product Limitation</b> | 16 ft            |
| <b>Roll Length</b> | 16 ft and Custom Cut | <b>Operating Temp</b>                    | -40°C to 120°C   |
| <b>Dimmable</b>    | Yes                  | <b>Cutting Point</b>                     | 0.15 in          |
| <b>Lamp Life</b>   | 50,000 hrs LM-80     | <b>Adhesive</b>                          | 3M Double Coated |
| <b>CRI</b>         | 91 + CRI             | <b>Warranty</b>                          | 5 Year Warranty  |

## Ordering Information

| Ordering Code | Length                    | Voltage | Kelvin                        |
|---------------|---------------------------|---------|-------------------------------|
| SL-COBCA4-IN  | XX<br>16 ft<br>CUSTOM CUT | 24V     | XX<br>2700K<br>3000K<br>4000K |

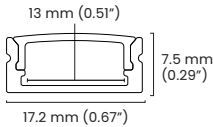
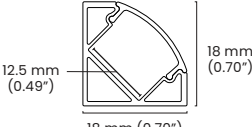
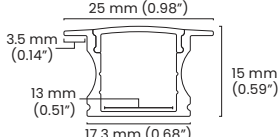
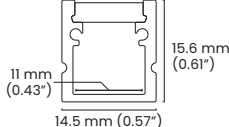
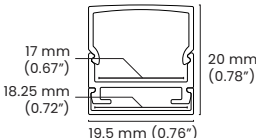
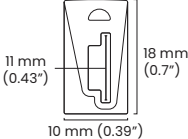
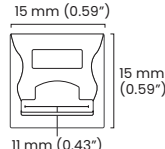
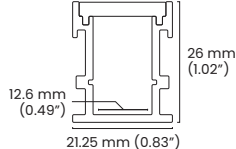
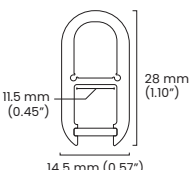
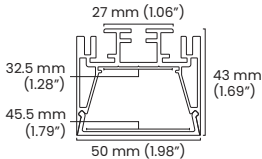
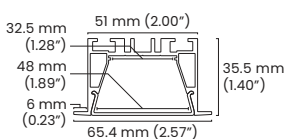
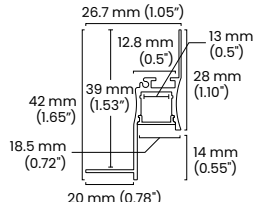
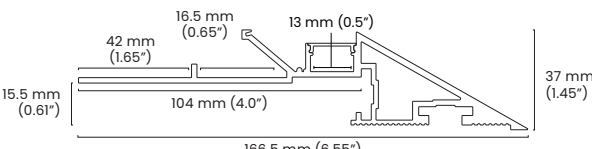
*Custom Kelvins available upon request*

## Diagram



# SL-COBCA4 Indoor Diffusion LED Ribbon

## Common Pairings Channel

|                                                                                                                                                                           |                                                                                                                                                                                              |                                                                                                                                                                                              |                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SLC-002S</b><br>Slim Profile Channel<br> <p>*Shows Dotting</p>                        | <b>SLC-007S</b><br>45 Degree Channel<br>                                                                    | <b>SLC-003R</b><br>Ressed Channel<br>                                                                      | <b>SLC-402S</b><br>Square Channel<br> <p>*Connectors don't fit</p> |
| <b>SLC-011S</b><br>Three Sided Lens Channel<br>                                          | <b>SLC-026F</b><br>Sideways Flex Channel<br> <p>*Only available for Custom Cut<br/>(Not field cuttable)</p> | <b>SLC-027F</b><br>Up/Down Flex Channel<br> <p>*Only available for Custom Cut<br/>(Not field cuttable)</p> | <b>SLC-034R</b><br>Walk Over Channel<br>                          |
| <b>SLC-037C</b><br>Closet Rod Channel<br> <p>Also Available as Suspended Luminaire</p> | <b>SLC-050SPWH</b><br>Surface/Suspended Mount<br> <p>*Dual Row Ribbon</p>                                 | <b>SLC-065RWH</b><br>Recessed Comes With Spring Clips<br> <p>*Dual Row Ribbon</p>                        | <b>SLC - 090TWH</b><br>Perimeter Cove Channel<br>                |
| <b>SLC-098KE</b><br>Knife Edge Channel<br>                                             |                                                                                                                                                                                              |                                                                                                                                                                                              |                                                                                                                                                       |

### \*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-COBCA4 Indoor Diffusion LED Ribbon



## LED Ribbon Wattage

13W/M(4W/FT)

## LED Power Consumption

### Residential

Total Watts Needed = (4 Watts Foot × Number of Feet) × 0.9

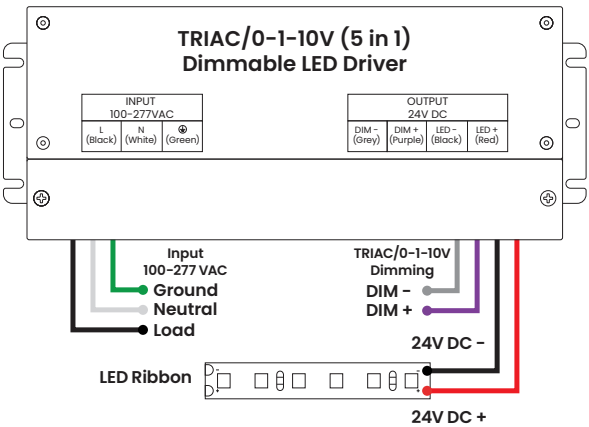
### Commercial

Total Watts Needed = (4 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<br>Within Class 2     | 30W           | 1.25 A         | 165 mm L x 95 mm W x 26 mm H<br>6.49 in L x 3.75 in W x 1.02 in H   | 0.5 in (ID) <small>Standard 1/2" won't fit<br/>Includes 2 Connectors</small> |
| DLMULTI-024-60W<br>Within Class 2     | 60W           | 2.5 A          | 188 mm L x 95 mm W x 26 mm H<br>7.40 in L x 3.75 in W x 1.02 in H   | 0.5 in (ID) <small>Standard 1/2" won't fit<br/>Includes 2 Connectors</small> |
| DLMULTI-024-100W<br>Within Class 2    | 100W          | 4.16 A         | 220 mm L x 95 mm W x 41 mm H<br>8.66 in L x 3.75 in W x 1.61 in H   | 0.85 in (ID)                                                                 |
| DLMULTI-024-150W<br>Exceeds Class 2   | 150W          | 6.25 A         | 260 mm L x 104 mm W x 46 mm H<br>10.23 in L x 4.09 in W x 1.81 in H | 0.85 in (ID)                                                                 |
| DLMULTI-024-200W<br>Exceeds Class 2   | 200W          | 8.33 A         | 260 mm L x 104 mm W x 46 mm H<br>10.23 in L x 4.09 in W x 1.81 in H | 0.85 in (ID)                                                                 |
| DLMULTI-024-300W<br>Exceeds Class 2   | 300W          | 12.5 A         | 278 mm L x 110 mm W x 46 mm H<br>10.94 in L x 4.33 in W x 1.81 in H | 0.85 in (ID)                                                                 |
| DLMULTI-024-192W-2T<br>Within Class 2 | 192W (2*96W)  | 2X 4.0 A       | 278 mm L x 110 mm W x 46 mm H<br>10.94 in L x 4.33 in W x 1.81 in H | 0.85 in (ID)                                                                 |
| DLMULTI-024-288W-3T<br>Within Class 2 | 288W (3X 96W) | 3X 4.0 A       | 303 mm L x 110 mm W x 46 mm H<br>11.93 in L x 4.33 in W x 1.81 in H | 0.85 in (ID)                                                                 |
| DLMULTI-024-384W-4T<br>Within Class 2 | 384W (4X 96W) | 4X 4.0 A       | 325 mm L x 140 mm W x 48 mm H<br>12.79 in L x 5.51 in W x 1.89 in H | 0.85 in (ID)                                                                 |