**Black Channels** act as a heat sink, cooling and prolonging the LED tape light lifespan.

**Chromapath Surface Mount:**
- Column 1
  - 8mm Tape Light w/Terminal
- Multiple finishes and hardware available
- Premium Diffusion Lens
- No Diode LED
- In-house and field cuttable channels to work with individual specifications
- Provides additional defense from dust and debris, protecting the LED investment
- No Mounting Options with Dimensions

### ORDERING CODES
Order channels, and components for field assembly.

<table>
<thead>
<tr>
<th>Diode LED</th>
<th>Model</th>
<th>Series</th>
<th>Lens</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>DI</td>
<td>CPO-M</td>
<td>SQ</td>
<td>CLT (Architectural Clear Lens)</td>
<td>48W (54 in. white)</td>
</tr>
</tbody>
</table>

#### CONNECTION OPTIONS
- 96 in. channel & frosted cover
- 96 in. channel & clear, or frosted lens
- 4x End-to-end interconnects
- 4x surface mounted clips

### TECHNICAL RATINGS
- Beam Angle: 120°
- Architectural Clear Lens
- Architectural Frosted Lens
- Classic Frosted Lens
- Premium Diffusion Lens
- Architectural Clear Lens Light Loss: 10%
- Architectural Frosted Lens Light Loss: 22%
- Classic Frosted Lens Light Loss: 22%
- Premium Diffusion Lens Light Loss: 10%
- CCT Shift: 30K to 350K
- CCT Shift: 350K to 40K
- CCT Shift: 35K to 40K
- CCT Shift: 20K to 35K
- CCT Shift: 20K to 35K
- Light Loss: 90%
- Light Loss: 35%
- Light Loss: 25%
- Light Loss: 15%
- Light Loss: 25%

### MOUNTING OPTIONS WITH DIMENSIONS
- Premium Diffusion Lens
- 96 in. aluminum
- 96 in. white
- 48 in. aluminum
- 48 in. white
- Vertical Mount: 0.67 x 0.82 in. (3 x 2 W)
- Rotating Mount: 1.29 x 0.82 in. (3 x 2 W)
- Hanging Mount: 1.51 x 0.82 in. (3 x 2 W)

### RECOMMENDED TAPE LIGHTS
Inquire for Tape Lights not listed.
- Blaze
- Blaze Colors
- Blaze Mini
- Blaze Wet Location
- Blaze X
- Blaze X Wet Location
- Dazzle RGB
- Dazzle RGBW
- Streamline
- Streamline Tunable White
- Valient Tunable White
- Valient X

### CHANNEL SPECIFICATIONS
**MODEL**
- **DI-CPO-M-SQ**

**INCLUDED ACCESSORIES**
- 48 in. channel & frosted cover
- 48 in. channel & clear, or frosted lens
- 4x surface mounted clips
- 4x End-to-end interconnects

**CONNECTION OPTIONS**
- Architectural Clear Lens
- Architectural Frosted Lens
- Classic Frosted Lens
- Premium Diffusion Lens
- Architectural Clear Lens Light Loss: 10%
- Architectural Frosted Lens Light Loss: 22%
- Classic Frosted Lens Light Loss: 22%
- Premium Diffusion Lens Light Loss: 10%
- CCT Shift: 30K to 350K
- CCT Shift: 350K to 40K
- CCT Shift: 35K to 40K
- CCT Shift: 20K to 35K
- CCT Shift: 20K to 35K
- Light Loss: 90%
- Light Loss: 35%
- Light Loss: 25%
- Light Loss: 15%
- Light Loss: 25%

**MOUNTING OPTIONS WITH DIMENSIONS**
- Premium Diffusion Lens
- 96 in. aluminum
- 96 in. white
- Vertical Mount: 0.67 x 0.82 in. (3 x 2 W)
- Rotating Mount: 1.29 x 0.82 in. (3 x 2 W)
- Hanging Mount: 1.51 x 0.82 in. (3 x 2 W)

### DIFFUSION KEY

#### Runway Diffusion
- Architectural Frosted Lens
  - Black Lens
  - Premium Diffusion Lens
  - Classic RGB
  - Classic RGB with wattage: 15W, 20W, 25W
  - Classic RGB with wattage: 30W, 40W
  - Classic RGB with wattage: 50W, 60W
  - Classic RGB with wattage: 75W, 90W

#### Semi-Diffused
- Architectural Frosted Lens
  - Black Lens
  - Premium Diffusion Lens
  - Classic RGB
  - Classic RGB with wattage: 15W, 20W, 25W
  - Classic RGB with wattage: 30W, 40W
  - Classic RGB with wattage: 50W, 60W
  - Classic RGB with wattage: 75W, 90W

#### Dotless
- Architectural Frosted Lens
  - Black Lens
  - Premium Diffusion Lens
  - Classic RGB
  - Classic RGB with wattage: 15W, 20W, 25W
  - Classic RGB with wattage: 30W, 40W
  - Classic RGB with wattage: 50W, 60W
  - Classic RGB with wattage: 75W, 90W
CERTIFICATIONS

Safety

Meets the following certifications when installed with compatible UL Listed tape light:

- UL Listed 2108. UL 1598 / CSA 250.0-08, UL 8750. UL 879 / CAN/CSA-C22.2 no. 207-M89, E489769 (UL Listed), E499770.

- Approved for storage areas of clothes closets per NEC 410.16.A.3 and 410.16.C.5

Environmental

- Suitable for indoor, dry, damp, and wet location use

Safety / Warnings / Disclosures

1. Install in accordance with national and local electrical code regulations.

2. This product is intended to be installed and serviced by a qualified, licensed electrician.

3. Ensure applicable wire is installed between driver, fixture, and any controls in-between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc.). Inadequate wire installation could overheat wires, and cause fire.

4. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.

5. Do not install in environment where excessive heat may exist (ex: close proximity to fireplace, etc.) See Ambient Temperature ratings.

6. Do not install indoor LED tape light products in outdoor / wet location environments. Only wet location tape light models are rated for outdoor / wet locations.

7. Do not modify product beyond instructions or warranty will be void.

8. Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.

9. Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.

10. Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.

WARRANTY

Limited Warranty

- 5 Years

This warranty does not include the additional accessories referenced in this specification sheet. Complete warranty details for fixtures and additional accessories are available at www.diodeled.com/limited-warranty/ within the Policies section. For warranty related questions please contact product support.

Consumer’s Acknowledgment

Elemental LED, Inc. stands behind its products when they are used properly and according to our specifications. By purchasing our products, the purchaser agrees and acknowledges that lighting design, configuration and installation is a complex process, wherein seemingly minor factors or changes in layout and infield adjustments can have a significant impact on an entire system. Choosing the correct components is essential. Elemental LED is able to work with the original purchaser to make an appropriate product selection to the extent of the limited information that the customer can provide, but it is virtually impossible for Elemental LED to design a system that foresees every unknown factor. For this reason, this Warranty does not cover problems caused by improper design, configuration or installation issues. Any statement from a Elemental LED employee or agent regarding a customer’s bill of goods and/or purchase order is NOT an acknowledgment that the products purchased are designed and configured correctly. The purchase agrees and acknowledges that it is the customer’s responsibility to adhere strictly to all information contained in the Product Specification Sheets.

There is often more than one way to design, configure and layout an LED lighting application properly to achieve the same lighting effect. Elemental LED strongly recommends that licensed professionals be used in the design and installation of lighting systems that include Elemental LED products. The specifications include important information that a designer and installer should carefully review and strictly follow. Qualified designers and certified and/or licensed installers, with access to the final installation environment, customer goals, and Elemental LED product specifications can make the requisite decisions appropriate for a successful finished lighting application.