RECESSED Channel

Packaged aluminum channel profile – Ready to load

Date

Project Notes

FEATURES

- Industrial Extrusion for custom lighting
- Bundles include: channel, lens, mounting clips, and end caps
- Channels act as heat sink, cooling and prolonging the LED tape light lifespan
- Provides additional defense from dust and debris, protecting the LED investment
- 5 Year limited warranty

ORDERING CODES

Order channels, and components for field assembly

Diode LED	Model	Series	Length
DI			
	CPCHB	REC	48 (48 in. aluminum)
			96 (96 in. aluminum)

RECOMMENDED TAPE LIGHTS

Inquire for Tape Lights not listed

- **BLAZE™**
- **BLAZE™ Wet Location**
- **BLAZE™ Colors**
- **BLAZE™ Mini**
- **BLAZE™ X**
- **BLAZE™ X Wet Location**
- **DAZZLE® RGB**

- **DAZZLE® 24 RGBW Wet Location**
- **STREAMLITE™**
- **STREAMLITE™ Wet Location**
- **STREAMLITE™ Colors**
- **STREAMLITE™ Colors Wet Location**
- **STREAMLITE™ RGBW**
- **STREAMLITE™ Tunable White**

- **VALENT®**
- **VALENT® RGBW**
- **VALENT® Tunable White**
- **VALENT® Warm Dim**
- **VALENT® X**

CHANNEL SPECIFICATIONS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
RECESSED Channel DI-CPCHB-REC	Height (H): 0.49 in. Width (W): 1.03 in. Interior Depth (ID): 0.42 in. Interior Width (IW): 0.59 in. Cut Out Width (CO): 0.74 in. Recessed Wing (RW): 0.15 in.	48 in. channel & frosted lens 2x surface mounted clips end caps: 1x open, 1x closed 96 in. channel & frosted lens 4x surface mounted clips end caps: 2x open, 2x closed.	TB - 8mm Terminal Block (white) Compatible	• Beam Angle: 120º Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	3M Adhesive: 0.59 × 1.03 in. (H x W) Recessed Mount: 0.49 × 1.03 in. (H x W)
			8mm Tape Light w/Soldered Lead		
			12mm Terminal Block Compatible		
			12mm Tape light w/Soldered Lead		

DIFFUSION KEY

Runway Diffusion

Classic Frosted Lens

- BLAZE™ X - BLX1
- BLAZE™ X Wet Location - BLX1
- VALENT® RGBW - VL
- VALENT® RGBW Wet Location - VL

Semi-Diffused

Classic Frosted Lens

- BLAZE™ - BLBSC1
- BLAZE™ - BLBSC3
- BLAZE™ X Wet Location - BLX2
- BLAZE™ Wet Location - BLBSC1
- BLAZE™ COLORS - BLC
- BLAZE™ Wet Location - BLBSC2
- VALENT® WARM DIM - VL1
- VALENT® WARM DIM - VL4
- VALENT® WARM DIM Wet Location - VL4

Dotless

Classic Frosted Lens

- BLAZE™ - BLBSC2
- BLAZE™ - BLBSC3
- BLAZE™ X - BLX3
- BLAZE™ X Wet Location - BLX3
- BLAZE™ Wet Location - BLBSC2
- BLAZE™ Wet Location - BLBSC3
- BLAZE™ Mini - BL4MN150
- STREAMLITE™ - STMLT
- STREAMLITE™ Wet Location - STMLT
- STREAMLITE™ Wet Location - STMLT4
- STREAMLITE™ COLORS - STMLT
- STREAMLITE™ COLORS Wet Location - STMLT
- STREAMLITE™ - STMLT4
- STREAMLITE™ Tunable White - STMLT
- STREAMLITE™ RGBW - STMLT
- VALENT® - VL1
- VALENT® - VL2
- VALENT® - VL3
- VALENT® - VL5
- VALENT® X - VLX1
- VALENT® X - VLX2
- VALENT® X - VLX3
- VALENT® X - VLX5
- VALENT® X - VLX8
- VALENT® Tunable White - VL
- VALENT® X Wet Location - VLX2
- VALENT® X Wet Location - VLX5
- VALENT® Wet Location - VL1
- VALENT® Wet Location - VL2
- VALENT® Wet Location - VL3
- VALENT® Wet Location - VL5
- DAZZLE® RGB - DRGB
- CELESTE® - 24CEL1000
- CELESTE® - 24CEL150
- CELESTE® - 24CEL300
- CELESTE® - 24CEL500
- CELESTE® - 24CEL800

ACCESSORIES

DI-CPCHB-REC-ACC	Channel Bundle, RECESSED, Accessory Pack, End Cap Pairs, Mounting Hardware

RECESSED Channel

Packaged aluminum channel profile – Ready to load

Date

Project Notes

CERTIFICATIONS

Safety

- Meets the following certifications when installed with compatible UL Listed tape light: E469769 UL Listed 2108. UL 1598 / CSA 250.0-08, UL 8750. UL 879 / CAN/ CSA-C22.2 no. 207-M89.

- Approved for storage areas of clothes closets per NEC NEC 410.16.A.1 and 410.16.C.1,3

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. We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

WARRANTY

Limited Warranty

- 5 Year limited warranty

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.