

# 10MM SQUARE Channel

**Specification Sheet** 

# 10MM SQUARE 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
- Fronces additional defension
   5 Year limited warranty

### **ORDERING CODES**

Order channels, and components for field assembly

Di	ode LED	Model	Series	Length
	DI			
		СРСНВ	SQC10	48 (48 in. aluminum) 96 (96 in. aluminum)

## RECOMMENDED TAPE LIGHTS

Inquire for Tape Lights not listed

- BLAZE<sup>™</sup> • BLAZE<sup>™</sup> Colors • BLAZE<sup>™</sup> Mini • BLAZE<sup>™</sup> X • DAZZLE<sup>®</sup> RGB
- STREAMLITE<sup>™</sup>
   STREAMLITE<sup>™</sup> Colors
   STREAMLITE<sup>™</sup> RGBW
   STREAMLITE<sup>™</sup> Tunable White

# CHANNEL SPECIFICATIONS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
10MM SQUARE Channel DI-CPCHB-SQC10	Height (H): 0.63 in. Width (W): 0.63 in. Interior Width (IW): 0.39 in.	48 in. channel & frosted cover Mounting hardware End caps: 1x open, 1x closed.	Classic Frosted L • Light Loss: 20%	Classic Frosted Lens • Light Loss: 20%	
	H	96 in. channel & frostedcover Mounting hardware End caps: 2x open, 2x closed.	Compatible	• CCT Shift: -40K • IP Rating Shift: IP40	U-Clip: 0.64 × 0.64 in. (H x W)
	W		12mm Tape light w/Soldered		

## **DIFFUSION KEY**

Runway Diffusion	Semi-Diffused	Dotless	
Classic Frosted Lens	Classic Frosted Lens	Classic Frosted Lens	
BLAZE" - BLASCT BLAZE" - NELGGIN- BLAT BLAZE "COLORS - BLC	BLAZE** BLBSC2     BLAZE** Wet Location - BLX3     BLAZE** BLBSC1     BLAZE** BLBSC1     BLAZE** BLAZE** Wet Location - BLSC1     BLAZE** BLAZE**     BLAZE** BLAZE**     BLAZE***     BLAZE****     BLAZE*****     BLAZE************************************	BLAZE*Wet Location - BLBSC2     STREAMLTE* COLORS - STMLT     STREAMLTS* STML - STMLAT     STREAMLTS* STMLT     STREAMLTS* Vet Location - STMLT     STREAMLTS* RG8V - STMLT	

## ACCESSORIES

DI-CPCHB-SQC10-ACC

Channel Bundle, 10mm SQUARE CORNER, Accessory Pack, End Cap Pairs, Mounting Hardware



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#### 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
- 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.
- We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to 10. match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

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#### 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 on installation issues. Any statement from a Elemental LED endedgement 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.

