# diode led®
a division of elemental LED

## CHROMAPATH® BUNDLE CHANNELS

**ULTRA SLIM**

**ULTRA SLIM PD**

**WAVEFORM**

**SLIM RECESSED**

**RECESSED**

**10mm & 20mm SQUARE CORNER**

**10mm & 20mm ROUNDED CORNER**

**45° DECO**

**SCONCE**

**DOME**

**REFLECTOR**

**EDGE-LIT**

**90° SIDEVIEW**

## OVERVIEW

CHROMAPATH® Bundle Channels are ready for loading tape light in the field. These channels protect indoor LED tape light by providing a rigid, dust proof housing that can be mounted on virtually any flat surface. These channels are sold in 48 inch bundles and help create sleek, completely customized LED tape lighting installations.

*CHROMAPATH Bundle Channels are not available in the Custom Fully Loaded Channel program. For Fully Loaded options see the 'CHROMAPATH Builder Channels' Specification Sheet.*

## FEATURES & BENEFITS

- Industrial extrusions for custom lighting
- Bundles include: channel, lens, mounting clips, and end caps
- Channels act as a heat sink, cooling and prolonging the LED tape light lifespan
- Provides additional defense from dust and debris, protecting the LED investment
- 5-Year Warranty
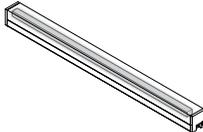
### PREMIUM DIFFUSED OPTIONS
*Channels listed below eliminate LED hotspots by creating totally diffused linear light when paired with compatible tape light. See pg. 7 for compatible tape lights.*

**ULTRA SLIM PD**          **20mm SQUARE CORNER**
**SCONCE**                 **20mm ROUNDED CORNER**

## FINISHES

Aluminum

| Item # | |
|--------|--|
| Project | |

## SPECIFICATIONS

- Material: Aluminum
- Finish: Clear annodized aluminum
- Mounting Clip Material: Steel
- End Cap Material: PVC
- Cover Material: Polycarbonate
- Field Cuttable: Yes
- Mounting: Clips included. Additional clips available
- Dimensions: See Mechanical Diagrams
- Warranty: 5 years

### Environmental Requirements

- Suitable for indoor dry/damp location use

### Compliance & Regulatory Approvals

- 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. E469769 (UL Listed), E469770 (SAME Manual). 12V models are suitable for installation in a clothes closet.
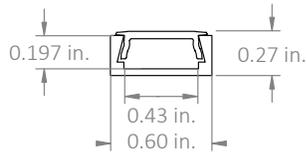
## CHROMAPATH® BUNDLE CHANNELS

**NOTE**: **CHROMAPATH Bundles** are **not** interchangeable with each other **nor** compatible with **CHROMAPATH Builder** channels.
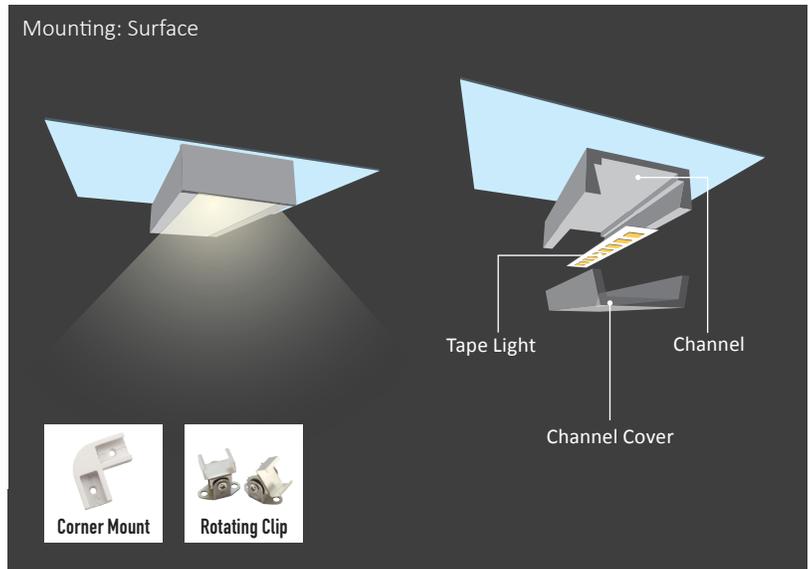
### CHROMAPATH® BUNDLE
# ULTRA SLIM

**TAPE LIGHT COMPATIBILITY:**

FLUID VIEW®          VALENT® HD
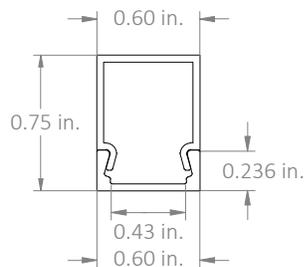BLAZE™               AVENUE 24™
ULTRA BLAZE™         DAZZLE® RGB
VALENT®

0.197 in.   0.27 in.
0.43 in.
0.60 in.

| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-USL-48 | • 48 in. channel & frosted cover<br>• End caps: 1x open, 1x closed<br>• 2x mounting clip<br>• 2x rotating mounting clip |
| DI-CPCHB-USL-ACC | • End caps: 2x open, 2x closed<br>• 4x mounting clips |
| DI-CPCHB-USL-CM | • 1x end-to-end mount<br>• 1x corner mount |
| DI-CPCHB-USL-RC | • 2x rotating mounting clips |

Mounting: Surface

Tape Light          Channel

Channel Cover

**Corner Mount**    **Rotating Clip**

### CHROMAPATH® BUNDLE
# ULTRA SLIM
## PREMIUM DIFFUSION

**TAPE LIGHT COMPATIBILITY:**

FLUID VIEW®          VALENT® HD
BLAZE™               AVENUE 24™
ULTRA BLAZE™         DAZZLE® RGB
VALENT®

0.60 in.
0.75 in.
0.236 in.
0.43 in.
0.60 in.

**PREMIUM DIFFUSED TAPE LIGHT COMPATIBILITY:**

*Compatible tape light and channel eliminates LED hotspots by creating totally diffused linear light. See page 7 for details.*

FLUID VIEW®          VALENT® HD
BLAZE™               AVENUE 24™
ULTRA BLAZE™         DAZZLE® RGB

| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-USPD-48 | • 48 in. channel & PD frosted cover<br>• End caps: 1x open, 1x closed<br>• 2x mounting clip<br>• 2x rotating mounting clip |
| DI-CPCHB-USPD-ACC | • End caps: 2x open, 2x closed<br>• 4x mounting clips |
| DI-CPCHB-USL-CM | • 1x end-to-end mount<br>• 1x corner mount |
| DI-CPCHB-USL-RC | • 2x rotating mounting clips |

Mounting: Surface

Tape Light

Channel Cover

Channel

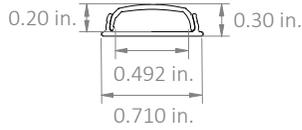**Corner Mount**    **Rotating Clip**
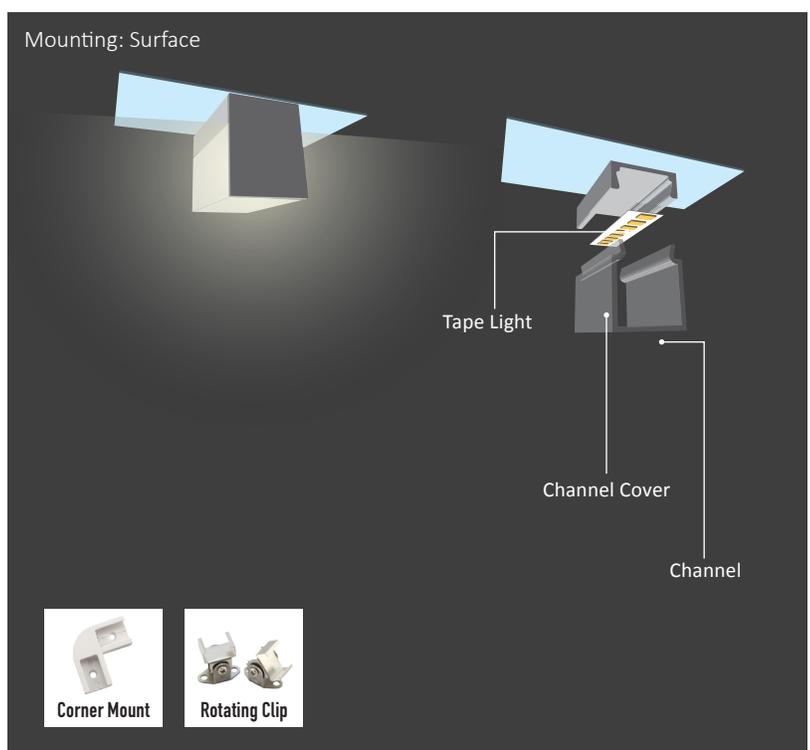
# CHROMAPATH® BUNDLE CHANNELS CONT.

**NOTE**: CHROMAPATH Bundles are **not** interchangeable with each other **nor** compatible with CHROMAPATH Builder channels.
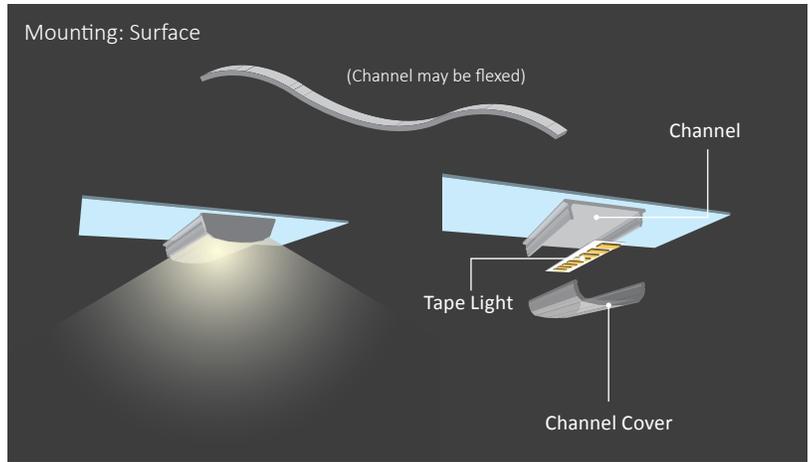
## CHROMAPATH® BUNDLE
# WAVEFORM

**TAPE LIGHT COMPATIBILITY:**

FLUID VIEW®          VALENT® HD
BLAZE™               AVENUE 24™
ULTRA BLAZE™         DAZZLE® RGB
VALENT®

0.20 in.    0.30 in.
0.492 in.
0.710 in.

| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-WF-48 | • 48 in. channel & frosted cover<br>• End caps. 1x open, 1x closed<br>• 2x mounting clips |
| DI-CPCHB-WF-ACC | • End caps: 2x open, 2x closed<br>• 4x mounting clips |



Mounting: Surface

(Channel may be flexed)

Channel

Tape Light

Channel Cover

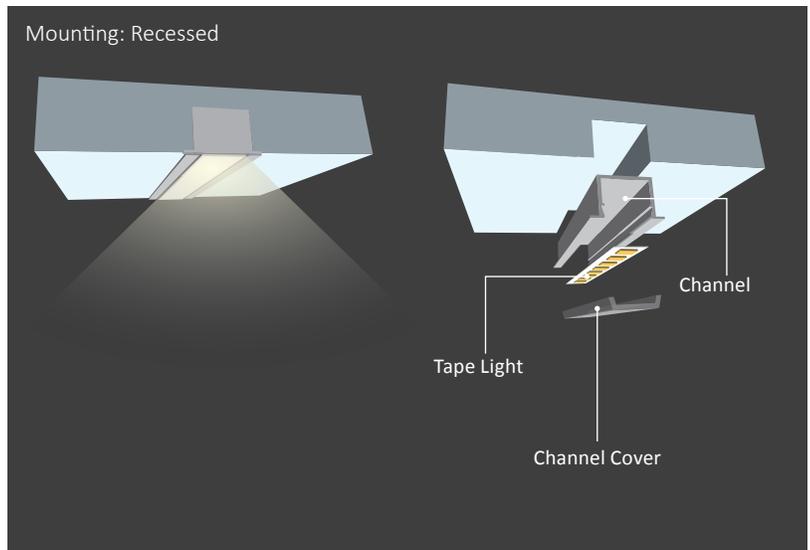## CHROMAPATH® BUNDLE
# SLIM RECESSED

**TAPE LIGHT COMPATIBILITY:**

FLUID VIEW®          VALENT®
BLAZE™               VALENT® HD
ULTRA                AVENUE 24™
BLAZE™               DAZZLE® RGB

0.08 in.    0.43 in.    0.38 in.
0.49 in.
0.65 in.
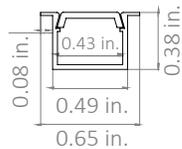
| SKU | OPTION | INCLUDES |
|---|---|---|
| DI-CPCHA-SLR48 | 48 in. Bundle | • 48 in. channel & frosted cover<br>• End caps: 1x open square, 1x open round, 1x closed square. |
| DI-CPCHA-SLR96 | 96 in. Bundle | • 96 in. channel & frosted cover<br>• End caps: 1x open square, 1x open round, 1x closed square. |
| DI-CPEC-SLR-3 | Additional End Cap Bundles | • 3x open square, 3x open round, 3x closed square |



Mounting: Recessed

Channel

Tape Light

Channel Cover

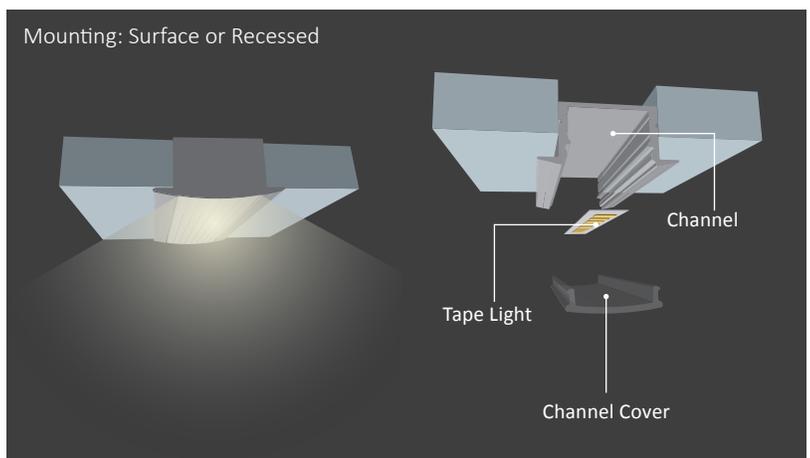## CHROMAPATH® BUNDLE
# RECESSED

**TAPE LIGHT COMPATIBILITY:**

FLUID VIEW®          VALENT® HD
BLAZE™               AVENUE 24™
ULTRA BLAZE™         DAZZLE® RGB
DOUBLE BLAZE™        DAZZLE® RGBW
VALENT®              DAZZLE® RGBW 4D

0.42 in.    0.49 in.
0.596 in.
0.74 in.
1.03 in.
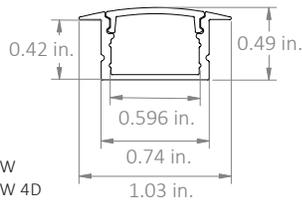
| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-REC-48 | • 48 in. channel & frosted cover<br>• End-caps: 1x open, 1x closed<br>• Mounting hardware |
| DI-CPCHB-REC-ACC | • End caps: 2x open, 2x closed<br>• 4x surface mounting clips |



Mounting: Surface or Recessed
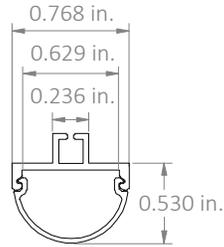
Channel

Tape Light

Channel Cover

# CHROMAPATH® BUNDLE CHANNELS

**NOTE**: **CHROMAPATH Bundles** are **not** interchangeable with each other **nor** compatible with **CHROMAPATH Builder** channels.
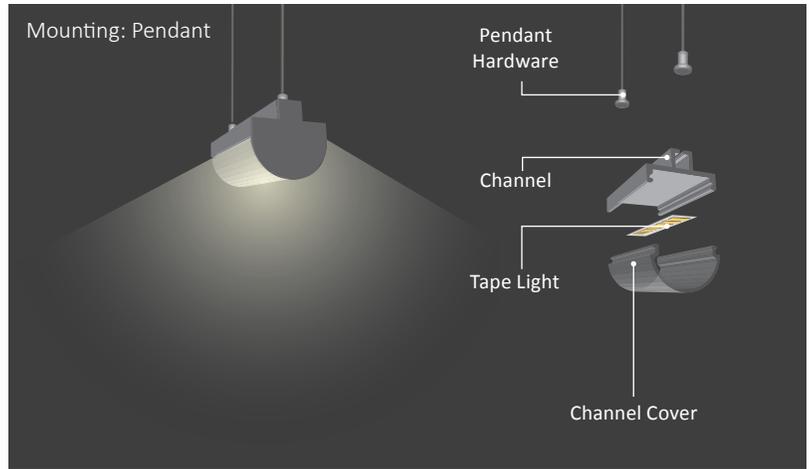
## CHROMAPATH® BUNDLE
# DOME

**TAPE LIGHT COMPATIBILITY:**

| | |
|---|---|
| FLUID VIEW® | VALENT® HD |
| BLAZE™ | AVENUE 24™ |
| ULTRA BLAZE™ | DAZZLE® RGB |
| DOUBLE BLAZE™ | DAZZLE® RGBW |
| VALENT® | DAZZLE® RGBW 4D |

0.768 in.
0.629 in.
0.236 in.
0.530 in.

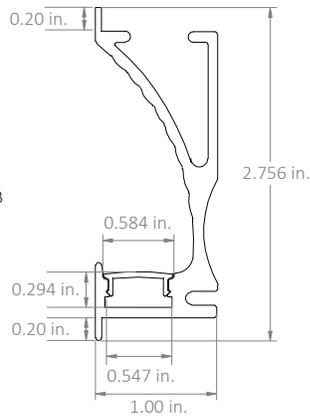| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-DOME-48 | • 48 in. channel & frosted cover<br>• End caps. 1x open, 1x closed<br>• 2x pendant hardware |
| DI-CPCHB-DOME-ACC | • End caps: 2x open, 2x closed<br>• 2x pendant hardware |

Mounting: Pendant

Pendant Hardware

Channel

Tape Light

Channel Cover

## CHROMAPATH® BUNDLE
# REFLECTOR

**TAPE LIGHT COMPATIBILITY:**

| | |
|---|---|
| FLUID VIEW® | VALENT® HD |
| BLAZE™ | AVENUE 24™ |
| ULTRA BLAZE™ | DAZZLE® RGB |
| VALENT® | |

0.20 in.
2.756 in.
0.584 in.
0.294 in.
0.20 in.
0.547 in.
1.00 in.

| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-RFCTR-48 | • 48 in. channel & frosted cover<br>• End caps. 1x open, 1x closed |
| DI-CPCHB-RFCTR-ACC | • End caps: 2x open, 2x closed |
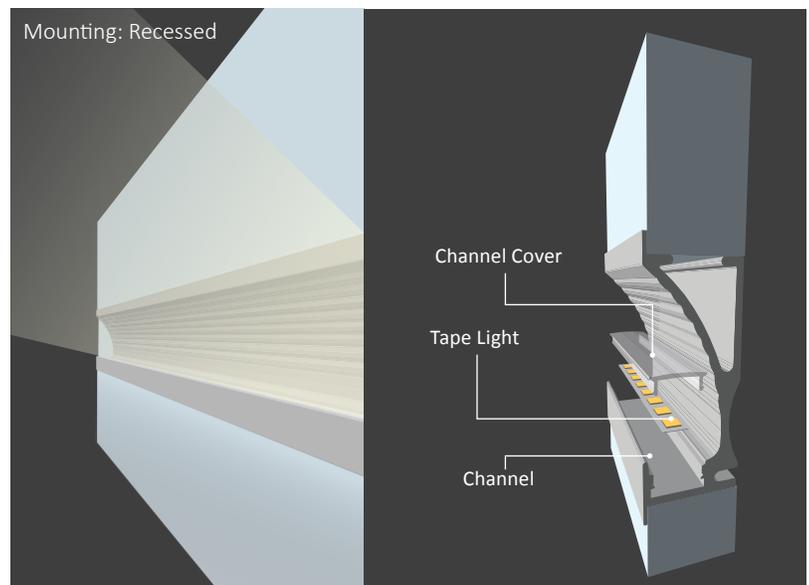
Mounting: Recessed

Channel Cover

Tape Light

Channel

## CHROMAPATH® BUNDLE
# SCONCE

**TAPE LIGHT COMPATIBILITY:**

| | |
|---|---|
| FLUID VIEW® | VALENT® HD |
| BLAZE™ | AVENUE 24™ |
| ULTRA BLAZE™ | DAZZLE® RGB |
| DOUBLE BLAZE™ | DAZZLE® RGBW |
| VALENT® | DAZZLE® RGBW 4D |

0.840 in.
0.536 in.
1.10 in.
1.21 in.
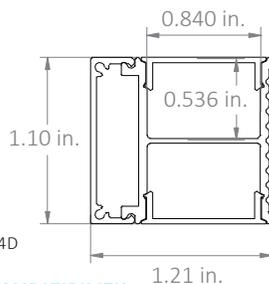
**PREMIUM DIFFUSED TAPE LIGHT COMPATIBILITY:**
*Compatible tape light and channel eliminates LED hotspots by creating totally diffused linear light. See page 7 for details.*

| | |
|---|---|
| BLAZE™ | DOUBLE BLAZE™ |

| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-SCNC-48 | • 48 in. channel, 48 in. mounting plate, 2x frosted covers<br>• End caps. 1x open, 1x closed |
| DI-CPCHB-SCNC-ACC | • End caps: 2x open, 2x closed |
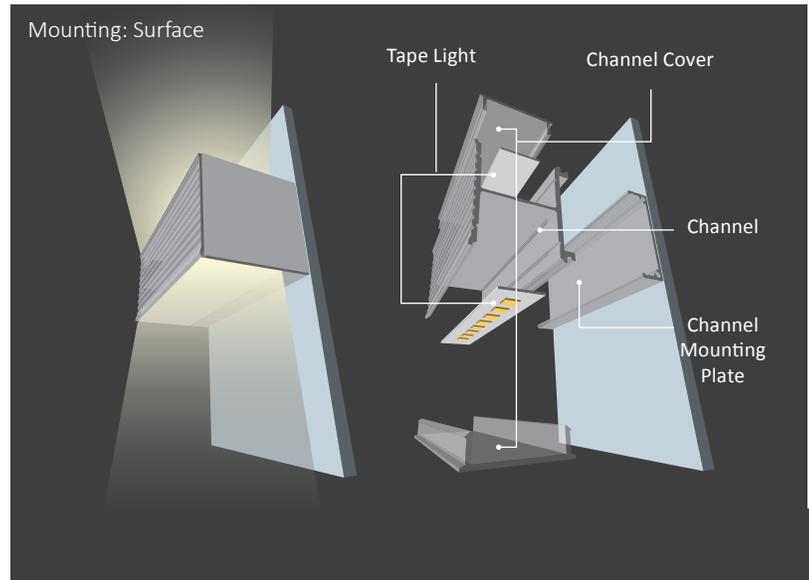
Mounting: Surface

Tape Light

Channel Cover

Channel

Channel Mounting Plate

# CHROMAPATH® BUNDLE CHANNELS

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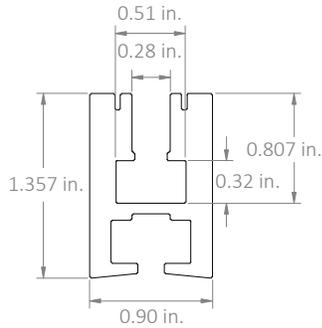
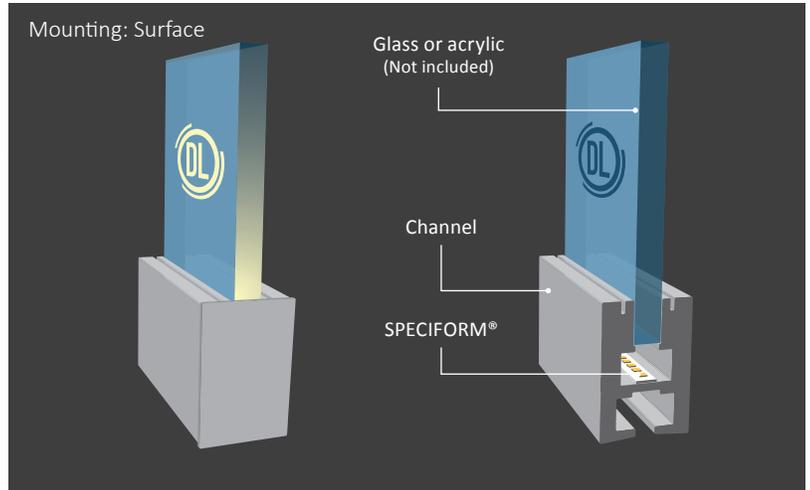## CHROMAPATH® BUNDLE
## EDGE-LIT

**TAPE LIGHT COMPATIBILITY:**
Best for use with SPECIFORM®.
Also fits:

| | |
|---|---|
| FLUID VIEW® | VALENT® HD |
| BLAZE™ | AVENUE 24™ |
| ULTRA BLAZE™ | DAZZLE® RGB |
| VALENT® | |

*Dimensions: 0.51 in., 0.28 in., 0.807 in., 1.357 in., 0.32 in., 0.90 in.*

| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-EGLT-48 | • 48 in. channel only<br>• End caps: 1x open, 1x closed |
| DI-CPCHB-EGLT-ACC | • End caps: 2x open, 2x closed |

Mounting: Surface



Glass or acrylic (Not included)

Channel

SPECIFORM®

## CHROMAPATH® BUNDLE
## 45° DECO

**TAPE LIGHT COMPATIBILITY:**

| | |
|---|---|
| FLUID VIEW® | VALENT® HD |
| BLAZE™ | AVENUE 24™ |
| ULTRA BLAZE™ | DAZZLE® RGB |
| VALENT® | |

*Dimensions: 0.73 in., 0.73 in., 0.472 in., 0.415 in.*
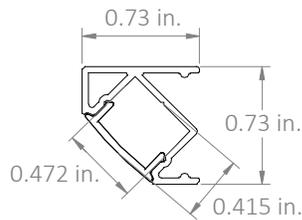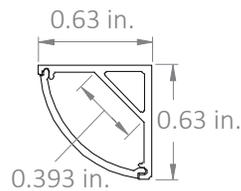
| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-45DCO-48 | • 48 in. channel & frosted cover<br>• End-caps: 1x open, 1x closed<br>• Mounting hardware |
| DI-CPCHB-45DCO-ACC | • End caps: 2x open, 2x closed<br>• 4x surface mounting clips |

Mounting: Surface



Tape Light

Channel

Channel Cover
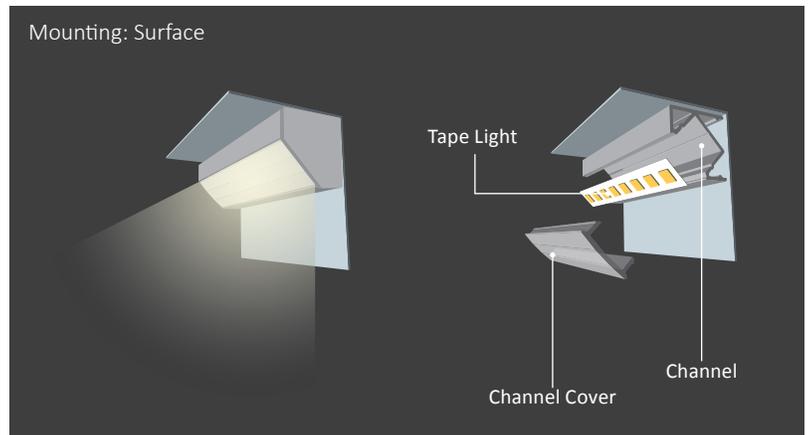
## CHROMAPATH® BUNDLE
## 10mm ROUNDED CORNER

**TAPE LIGHT COMPATIBILITY:**

| | |
|---|---|
| FLUID VIEW® | VALENT® HD |
| BLAZE™ | AVENUE 24™ |
| ULTRA BLAZE™ | DAZZLE® RGB |
| VALENT® | |

*Dimensions: 0.63 in., 0.63 in., 0.393 in.*

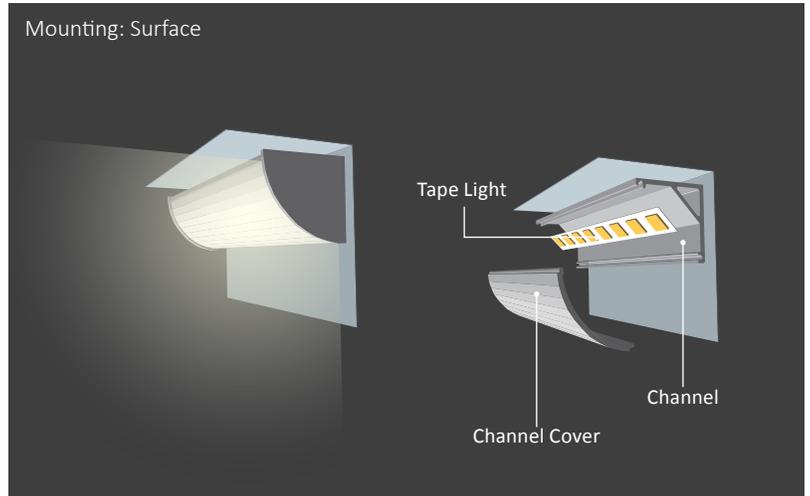| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-RC10-48 | • 48 in. channel & frosted cover<br>• End-caps: 1x open, 1x closed<br>• Mounting hardware |
| DI-CPCHB-RC10-ACC | • End caps: 2x open, 2x closed<br>• 4x surface mounting clips |

Mounting: Surface



Tape Light

Channel

Channel Cover

# CHROMAPATH® BUNDLE CHANNELS

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## CHROMAPATH® BUNDLE
## 10mm SQUARE CORNER

Mounting: Surface

**TAPE LIGHT COMPATIBILITY:**

| | |
|---|---|
| FLUID VIEW® | VALENT® HD |
| BLAZE™ | AVENUE 24™ |
| ULTRA BLAZE™ | DAZZLE® RGB |
| VALENT® | |

0.63 in.
0.63 in.
0.393 in.

| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-SQC10-48 | • 48 in. channel & frosted cover<br>• End-caps: 1x open, 1x closed<br>• Mounting hardware |
| DI-CPCHB-SQC10-ACC | • End caps: 2x open, 2x closed<br>• 4x surface mounting clips |



Tape Light

Channel Cover    Channel
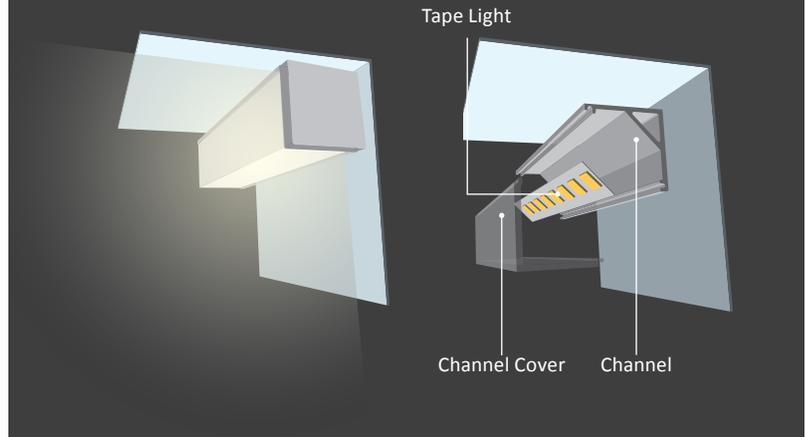
## CHROMAPATH® BUNDLE
## 20mm ROUNDED CORNER

Mounting: Surface

**PREMIUM DIFFUSED
TAPE LIGHT COMPATIBILITY:**

*Compatible tape light and channel eliminates LED hotspots by creating totally diffused linear light. See page 7 for details.*

| | |
|---|---|
| FLUID VIEW® | VALENT® HD |
| BLAZE™ | AVENUE 24™ |
| ULTRA BLAZE™ | DAZZLE® RGB |
| DOUBLE BLAZE™ | DAZZLE® RGBW |
| VALENT® | DAZZLE® RGBW 4D |

1.81 in.
0.81 in.
1.81 in.

| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-RC20-48 | • 48 in. channel & frosted cover<br>• End-caps: 1x open, 1x closed<br>• Mounting hardware |
| DI-CPCHB-RC20-ACC | • End caps: 2x open, 2x closed<br>• 4x surface mounting clips |



Tape Light

Channel

Channel Cover

## CHROMAPATH® BUNDLE
## 20mm SQUARE CORNER

Mounting: Surface

**PREMIUM DIFFUSED
TAPE LIGHT COMPATIBILITY:**

*Compatible tape light and channel eliminates LED hotspots by creating totally diffused linear light. See page 7 for details.*

| | |
|---|---|
| FLUID VIEW® | VALENT® HD |
| BLAZE™ | AVENUE 24™ |
| ULTRA BLAZE™ | DAZZLE® RGB |
| DOUBLE BLAZE™ | DAZZLE® RGBW |
| VALENT® | DAZZLE® RGBW 4D |

1.81 in.
0.787 in.
1.81 in.

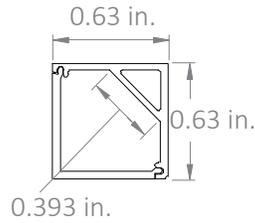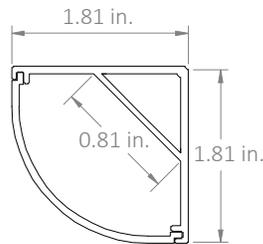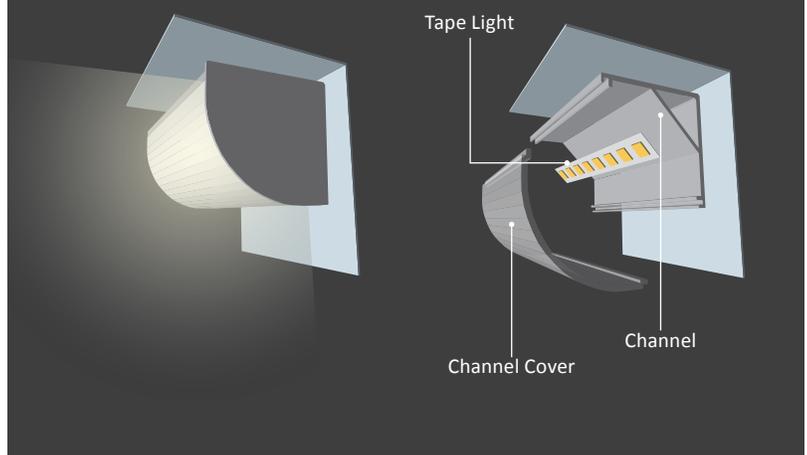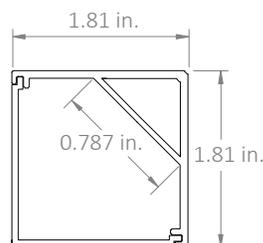| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-SQC20-48 | • 48 in. channel & frosted cover<br>• End-caps: 1x open, 1x closed<br>• Mounting hardware |
| DI-CPCHB-SQC20-ACC | • End caps: 2x open, 2x closed<br>• 4x surface mounting clips |
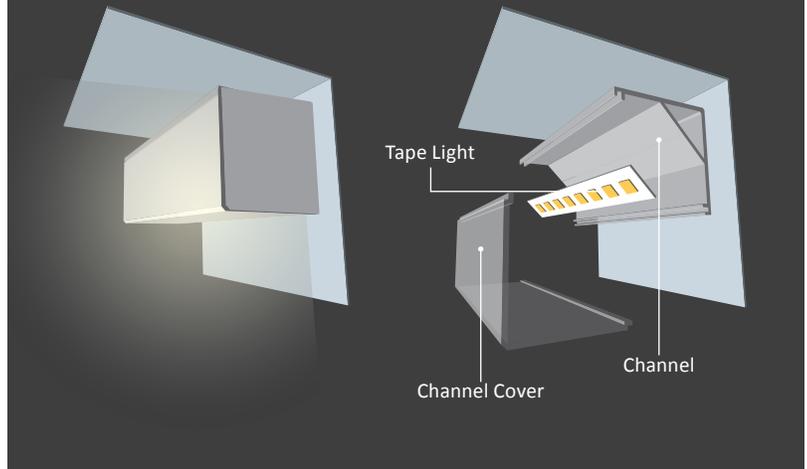


Tape Light

Channel

Channel Cover

# CHROMAPATH® BUNDLE CHANNELS

**NOTE**: CHROMAPATH Bundles are **not** interchangeable with each other **nor** compatible with CHROMAPATH Builder channels.

## CHROMAPATH® BUNDLE
## 90º SIDEVIEW



Dimensions: 1.31 in., 0.257 in., 0.917 in., 0.30 in., 0.485 in., 0.917 in.

**TAPE LIGHT COMPATIBILITY:**

FLUID VIEW®  VALENT® HD
BLAZE™  AVENUE 24™
ULTRA BLAZE™  DAZZLE® RGB
VALENT®
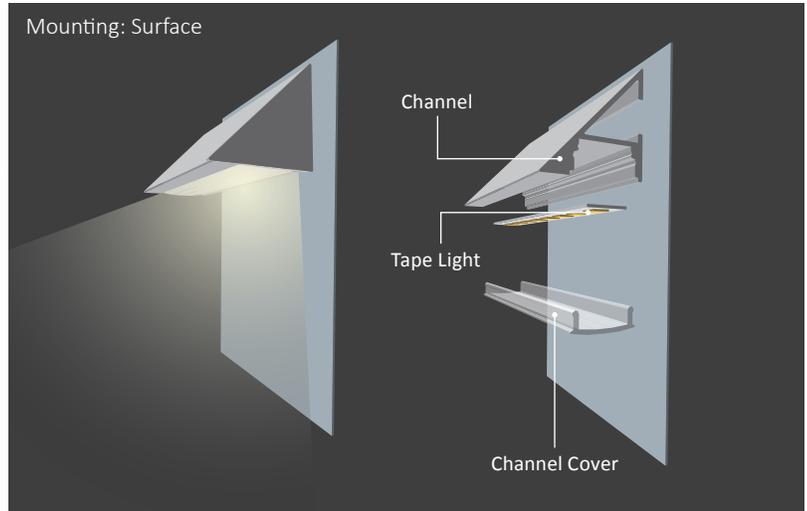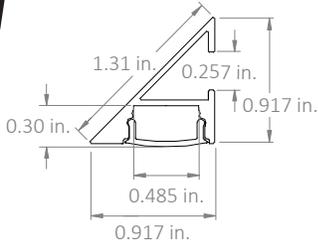
| SKU | PRODUCT INCLUDES |
|---|---|
| DI-CPCHB-90SD-48 | • 48 in. channel & frosted cover<br>• End-caps: 1x open, 1x closed<br>• Mounting hardware |
| DI-CPCHB-90SD-ACC | • End caps: 2x open, 2x closed<br>• 4x surface mounting clips |

Mounting: Surface



Channel
Tape Light
Channel Cover

## CHROMAPATH® COMPATIBLITY - CLICKTIGHT® CONNECTOR & PREMIUM DIFFUSED OPTIONS

The following connectors marked with an 'x' are compatible with CHROMAPATH Bundle Channels. Tape Light listed in the 'Premium Diffusion' column will create totally diffused linear light with comptable CHROMAPATH Bundle Channels.
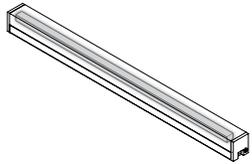
**PREMIUM DIFFUSION**
*Compatible tape light and Bundled Channel eliminates LED hotspots by creating totally diffused linear light.*

| | CLICKTIGHT PRO | CLICKTIGHT 8MM | CLICKTIGHT 10MM | CLICKTIGHT RGB | CLICKTIGHT RGBW | DOUBLE BLAZE CONNECTOR | PREMIUM DIFFUSION |
|---|---|---|---|---|---|---|---|
| ULTRA SLIM | | | | | | | |
| ULTRA SLIM PD | | | | | | | AVENUE 24™, BLAZE™, DAZZLE® RGB, FLUID VIEW®, K-RANGE®, ULTRA BLAZE™, VALENT® HD |
| WAVEFORM | | | | | | | |
| SLIM RECESSED | | | | | | | |
| RECESSED | x | x | x | x | | | |
| DOME | x | x | x | x | | | |
| REFLECTOR | | | | | | | |
| SCONCE | x | x | x | x | x | | BLAZE™ & DOUBLE BLAZE™ |
| EDGE-LIT | | x | | | | | |
| 45° DECO | | x | | | | | |
| 10MM ROUNDED CORNER | x | x | x | x | | | |
| 10MM SQUARE CORNER | x | x | x | x | | | |
| 20MM ROUNDED CORNER | x | x | x | x | x | x | AVENUE 24™, BLAZE™, DAZZLE® RGB, DAZZLE® RGBW 4D, DOUBLE BLAZE™, FLUID VIEW®, K-RANGE®, ULTRA BLAZE™, VALENT® HD |
| 20MM SQUARE CORNER | x | x | x | x | x | x | |
| 90° SIDEVIEW | | | | | | | |

## ADDITIONAL RESOURCES

**CHROMAPATH BUILDER CHANNELS SPEC SHEET**
**CHROMAPATH ALUMINUM CHANNEL INSTALL GUIDE**
**CHROMAPATH VERTICAL MOUNTING BRACKET INSTALL GUIDE**
**LOW VOLTAGE TAPE LIGHT SPECIFICATION SHEETS**
**LOW VOLTAGE LED TAPE LIGHT INSTALL GUIDE**
**VALENT® X SPEC SHEET**

## SAFETY / WARNINGS / DISCLOSURES

1. Install in accordance with national and local electrical code regulations.
2. Do not modify or disassemble this product beyond instructions or the warranty will be void.
3. Mixing and matching finished hardware and accessories can result in loose or tight fit assemblies. We strongly recommend matching hardware and endcaps to the channel finish selected.
4. Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.
5. 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

This product has a five (5) year limited warranty from the date of shipment. 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.