

### STREAMLITE™ LED Tape Light

Dot-free linear lighting without any visible LEDs. Ideal for tight spaces and simple, impactful installations.

Date \_\_\_\_\_

Project Notes \_\_\_\_\_



#### FEATURES

- Uniform, diffused light appears dotless even without a diffusing lens
- Very small size, ideal for tight spaces
- 180° beam angle for even light distribution
- Compatible with Terminal Block Connectors, channels, and other popular accessories



#### ORDERING CODES

Order spools, and components for field assembly

#### HYBRID ORDERING CODE

Soldered Wire Lead and Connection Options

	Voltage	Model	CCT		Length	Input Wire Color, Length, and Connection			Output Wire Color, Length, and Connection		
DI											
	24V (24V Volt)	STMLT STMLT4	24 (2400K)	35 (3500K)	016 (16 feet)	<b>Color &amp; Type</b>	<b>Length</b>	<b>Connection</b>	<b>Color &amp; Type</b>	<b>Length</b>	<b>Connection</b>
			27 (2700K)	40 (4000K)	100 (100 feet)	<b>AW</b> <b>(WHCL2 - Default)</b>	<b>96</b> <b>(96 in. - Default)</b>	<b>1</b> <b>(Bare Wire - Default)</b>	<b>*blank*</b> <b>(No Wire - Default)</b>	<b>*blank*</b> <b>(No Wire - Default)</b>	<b>1</b> <b>(Bare Wire - Default)</b>
			30 (3000K)	50 (5000K)	CSTM_ (__in.)	AB (BLCL2)	__ in.	2 (Barrel)	BW (WHCL2)	__ in.	2 (Barrel)
						AS (Silver Plenum - Bare Lead only)		3 (Interconnect)	BB (BLCL2)		3 (Interconnect)
									BS (Silver Plenum - Bare Lead only)		

#### GENERAL SPECIFICATIONS (ALL MODELS)

<b>Voltage</b>	24VDC
<b>Cut Points</b>	1.8 in.
<b>Dimmable</b>	Yes
<b>CRI</b>	90+
<b>Dimensions</b>	0.31 × 0.08 in. (W x H)
<b>TM-21 (LM-80)</b>	>50,000 hours
<b>Environment</b>	Indoor / Damp Location (IP20)
<b>Lead Wire A</b>	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief
<b>Lead Wire B</b>	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief
<b>LED Chips</b>	176/ft.
<b>Certification</b>	UL Listed 2108
<b>Warranty</b>	7 Year

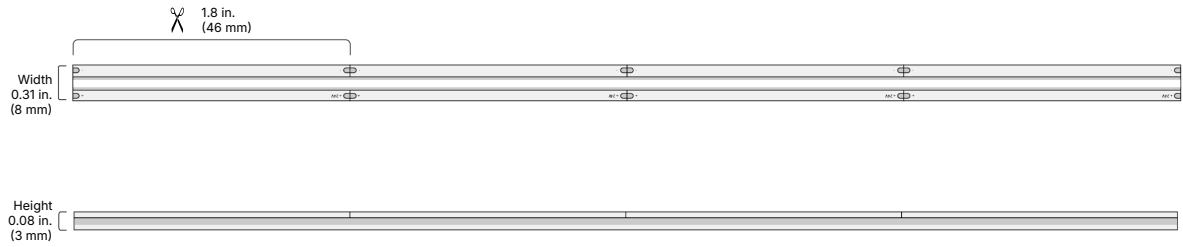
#### DETAILED SPECIFICATIONS

	24V-STMLT	24V-STMLT4
<b>Lumen Series</b>	300	400
<b>Wattage</b>	3.3W/ft.	5W/ft.
<b>Max Run (ft.)</b>	20 ft.	16.4 ft.
<b>2400K</b>	250 Lm/ft.	390 Lm/ft.
<b>2700K</b>	288 Lm/ft.	402 Lm/ft.
<b>3000K</b>	292 Lm/ft.	409 Lm/ft.
<b>3500K</b>	285 Lm/ft.	421 Lm/ft.
<b>4000K</b>	323 Lm/ft.	466 Lm/ft.
<b>5000K</b>	330 Lm/ft.	475 Lm/ft.

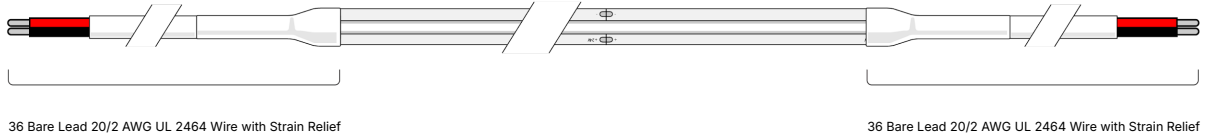
## MECHANICAL DIAGRAMS

24V-STMLT

24V-STMLT4



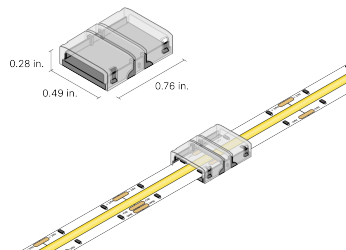
## CONNECTIONS



### ACCESSORIES

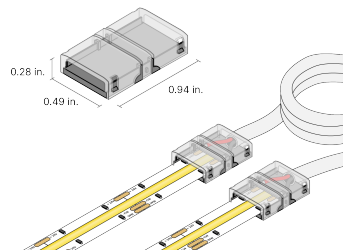
#### DI-LK-CONN-TTT-1

STREAMLITE Tape-to-Tape connector, no wire (Tape to Tape)



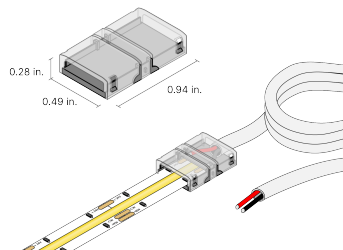
#### DI-LK-CONN-12JPR-1

STREAMLITE Tape-to-Tape plus 12 in. wire (Jumper)



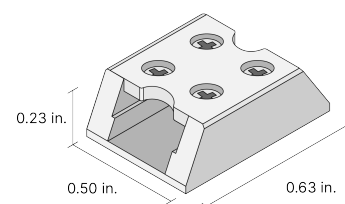
#### DI-LK-CONN-SPL24-1

STREAMLITE Tape-to-Wire connector, 24 in. (Splice)



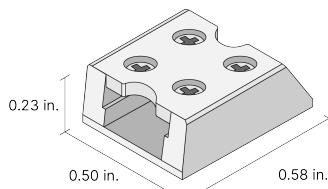
#### DI-TB8-CONN-TTT

Tape Light Terminal Block Connector, Screw Down, 8mm, Tape-To-Tape - Pack of 1



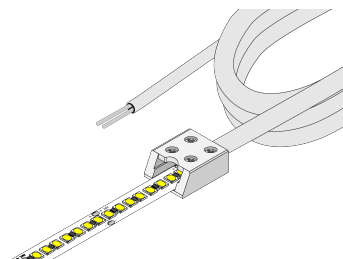
#### DI-TB8-CONN-TTW

Tape Light Terminal Block Connector, Screw Down, 8mm, Tape-To-Wire - Pack of 1



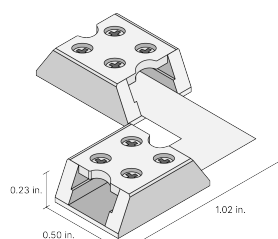
#### DI-TB8-60SPL-TTW

Tape Light Terminal Block, 8mm, Lead Wire Attached (Tape to Wire), 60 in. 20 AWG Splice Wire, White - Pack of 1



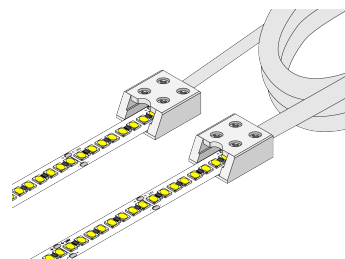
#### DI-TB8-90-TTT

Tape Light 90 Degree Corner Connector With Attached 8mm Tape-to-Tape Terminal Blocks - Pack of 1



#### DI-TB8-6JPR-TTT

Tape Light Terminal Block, 8mm, Jumper Cable (Tape to Tape), 6 in. 20 AWG Wire Lead, White - Pack of 1



### DELIVERY OPTIONS

- **Field Assembly**  
Fastest order fulfillment. Field connectors and accessories not included.
- **Factory + Field (Hybrid)**  
Onsite modifications with factory connection. Additional accessories not included.
- **Factory Assembly**  
Fastest Installation. Factory made-to-order fixtures.



### RECOMMENDED CHANNELS

For additional information visit:

<https://www.diodeled.com/products/channels.html>

- S1
- S2
- S45
- A1
- A2
- A3
- SLIM
- 16MM SQUARE
- 20MM ROUND
- 20MM SQUARE
- SQUARE

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- ROD
- MUD-IN 1 IN.
- MUD-IN 1 IN. SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- FLEXIBLE MUD-IN
- MUD-IN 2 IN.
- RECESSED

- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED ANGLE
- SHORT WALK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



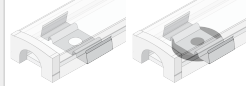
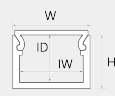

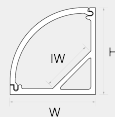
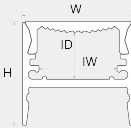

RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>S1 Channel</b> DI-CHB-S1  (S1) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/bdlwTb">https://qrco.de/bdlwTb</a>	Height (H): 0.31 in. Width (W): 0.67 in. Interior Depth (ID): 0.25 in. Interior Width (IW): 0.58 in.  	48 in. channel & frosted cover 2x surface mounting clips End caps: 1x open, 1x closed.	<ul style="list-style-type: none"> <li>• 8mm Terminal Block (clear)</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 U-Clip: 0.32 x 0.68 in. (H x W) S1 Magnetic U-Clip: 0.53 x 0.67 in. (H x W)
<b>S2 Channel</b> DI-CHB-S2  (S2) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/beoyQV">https://qrco.de/beoyQV</a>	Height (H): 0.57 in. Width (W): 0.74 in. Interior Depth (ID): 0.34 in. Interior Width (IW): 0.63 in.  	48 in. Channel & Frosted Lens, 1 open end cap, 1 closed end cap, 2 mounting clips, 2 mounting screws  96 in. Channel & Frosted Lens, 2 open end cap, 2 closed end cap, 4 mounting clips, 4 mounting screws	<ul style="list-style-type: none"> <li>• 8mm Terminal Block (clear)</li> <li>• Streamlite Connector</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 S2 Clip: 0.63 x 0.84 in. (H x W)
<b>S45 Channel</b> DI-CHB-S45  (S45) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/beoyQb">https://qrco.de/beoyQb</a>	Height (H): 0.78 in. Width (W): 0.78 in. Interior Depth (ID): 0.54 in. Interior Width (IW): 0.6 in.  	48 in. Channel & Frosted Lens, 1 open end cap, 1 closed end cap, 2 mounting clips, 2 mounting screws  96 in. Channel & Frosted Lens, 2 open end cap, 2 closed end cap, 4 mounting clips, 4 mounting screws	<ul style="list-style-type: none"> <li>• 8mm Terminal Block (clear)</li> <li>• Streamlite Connector</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 U-Clip: 0.79 x 0.79 in. (H x W)
<b>A1 Channel</b> DI-CHB-A1  (A1) 48", 90" Aluminum, White, Black For 14mm Tape Lights or smaller <a href="https://qrco.de/bf6mfJ">https://qrco.de/bf6mfJ</a>	Height (H): 0.81 in. Width (W): 0.87 in. Interior Depth (ID): 0.45 in. Interior Width (IW): 0.79 in.  	48 in. channel & lens 2x surface mounting clips 1 retaining clip End caps: 1x open, 1x closed.  90 in. channel & lens 4x surface mounting clips 2x strain relief clip End caps: 2x open, 2x closed, 2x slotted	<ul style="list-style-type: none"> <li>• 8mm Terminal Block (clear)</li> <li>• Streamlite Connector</li> </ul>	Architectural Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Architectural Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 10%</li> <li>• CCT Shift: -35K</li> </ul>	 U-Clip: 0.82 x 0.88 in. (H x W)
<b>A2 Channel</b> DI-CHB-A2  (A2) 48", 96" Aluminum, White, Black <a href="https://qrco.de/bf6nFO">https://qrco.de/bf6nFO</a>	Height (H): 0.55 in. Width (W): 0.63 in. Interior Depth (ID): 0.33 in. Interior Width (IW): 0.4 in.  	48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed.  96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Architectural Frosted Satin Lens STMLT, STMLT4: Dotless  Architectural Frosted Lens STMLT, STMLT4: Dotless  For diffusion options not listed, refer to A2 Channel Specification Sheet.	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Architectural Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 10%</li> <li>• CCT Shift: -20K</li> </ul> Architectural Frosted Satin Lens <ul style="list-style-type: none"> <li>• Light Loss: 30%</li> <li>• CCT Shift: -35K</li> </ul> Regress Lens <ul style="list-style-type: none"> <li>• Light Loss: 30%</li> <li>• CCT Shift: -35K</li> </ul>	 U-Clip: 0.56 x 0.64 in. (H x W)



### RECOMMENDED CHANNELS

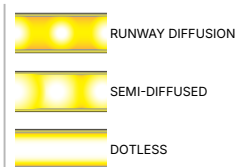
For additional information visit:



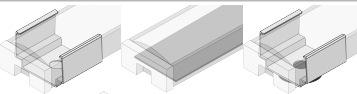



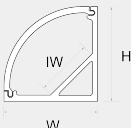
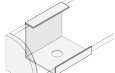

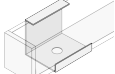
<https://www.diodeled.com/products/channels.html>

- S1
- S2
- S45
- A1
- A2
- A3
- SLIM
- 16MM SQUARE
- 20MM ROUND
- 20MM SQUARE
- SQUARE

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- ROD
- MUD-IN 1 IN.
- MUD-IN 1 IN. SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- FLEXIBLE MUD-IN
- MUD-IN 2 IN.
- RECESSED

- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED ANGLE
- SHORT WALK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>A3 Channel</b> DI-CHB-A3  (A3) 48", 96" Aluminum, White, Black For 10mm Tape Lights or smaller <a href="https://qrco.de/bf6nGo">https://qrco.de/bf6nGo</a>	Height (H): 0.39 in. Width (W): 0.63 in. Interior Depth (ID): 0.33 in. Interior Width (IW): 0.4 in.  	48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed.  96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Architectural Frosted Satin Lens STMLT, STMLT4: Dotless  Architectural Frosted Lens STMLT, STMLT4: Dotless  For diffusion options not listed, refer to A3 Channel Specification Sheet.	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Architectural Clear Lens <ul style="list-style-type: none"> <li>• Light Loss: 10%</li> <li>• CCT Shift: -20K</li> </ul> Architectural Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 10%</li> <li>• CCT Shift: -35K</li> </ul> Architectural Frosted Satin Lens <ul style="list-style-type: none"> <li>• Light Loss: 30%</li> <li>• CCT Shift: -35K</li> </ul> Regress Lens <ul style="list-style-type: none"> <li>• Light Loss: 30%</li> <li>• CCT Shift: -35K</li> </ul>	 U-Clip: 0.4 x 0.64 in. (H x W)
<b>SLIM Channel</b> DI-CPCHB-SL  (SL) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller <a href="https://qrco.de/bdlwSm">https://qrco.de/bdlwSm</a>	Height (H): 0.38 in. Width (W): 0.82 in. Interior Depth (ID): 0.3 in. Interior Width (IW): 0.67 in.  	48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed  96 in. channel & lens 4x surface mounting clips end caps: 2x open, 2x closed	<ul style="list-style-type: none"> <li>• 8mm Terminal Block (clear)</li> <li>• Streamlite Connector</li> </ul>	Architectural Frosted Lens STMLT, STMLT4: Dotless  Premium Diffusion Lens STMLT, STMLT4: Dotless  For diffusion options not listed, refer to SLIM Channel Specification Sheet.	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Architectural Clear Lens <ul style="list-style-type: none"> <li>• Light Loss: 10%</li> <li>• CCT Shift: -20K</li> </ul> Architectural Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 10%</li> <li>• CCT Shift: -35K</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul> Premium Diffusion Lens <ul style="list-style-type: none"> <li>• Light Loss: 10%</li> <li>• CCT Shift: -30K</li> </ul>	 Slim Mount: 0.54 x 0.87 in. (H x W) 3M Adhesive: 0.48 x 0.82 in. (H x W) Magnetic U-Clip: 0.59 x 0.82 in. (H x W)   Premium Diffusion: 0.96 x 0.82 in. (H x W)
<b>16MM SQUARE Channel</b> DI-CPCHB-16MM  (16) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/bdlwdD">https://qrco.de/bdlwdD</a>	Height (H): 0.89 in. Width (W): 0.77 in. Interior Depth (ID): 0.59 in. Interior Width (IW): 0.63 in.  	48 in. channel & Architectural Frosted Lens 2x surface mounting clips End caps: 1x open, 1x closed.  96 in. channel & Architectural Frosted Lens 4x surface mounting clips End caps: 2x open, 2x closed.	<ul style="list-style-type: none"> <li>• 8mm Terminal Block (clear)</li> <li>• Streamlite Connector</li> </ul>	Architectural Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Architectural Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 10%</li> <li>• CCT Shift: -35K</li> </ul>	 Mounting Clip: 0.89 x 0.77 in. (H x W)
<b>20MM ROUND Channel</b> DI-CPCHB-RC20  (RC20) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/bdlwit">https://qrco.de/bdlwit</a>	Height (H): 1.18 in. Width (W): 1.18 in. Interior Depth (ID): 0.84 in. Interior Width (IW): 0.84 in.  	48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed.  96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	<ul style="list-style-type: none"> <li>• 8mm Terminal Block (clear)</li> <li>• Streamlite Connector</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 180°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 U-Clip: 1.19 x 1.19 in. (H x W)
<b>20MM SQUARE Channel</b> DI-CPCHB-SQC20  (SQ20) 48", 96" Aluminum <a href="https://qrco.de/bdlwiN">https://qrco.de/bdlwiN</a>	Height (H): 1.18 in. Width (W): 1.18 in. Interior Depth (ID): 0.84 in. Interior Width (IW): 0.84 in.  	48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed.  96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	<ul style="list-style-type: none"> <li>• 8mm Terminal Block (clear)</li> <li>• Streamlite Connector</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 180°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 U-Clip: 1.19 x 1.19 in. (H x W)



### RECOMMENDED CHANNELS

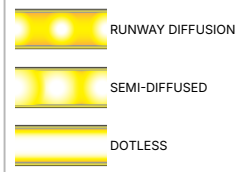
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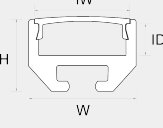
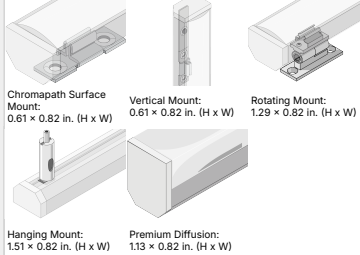
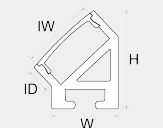
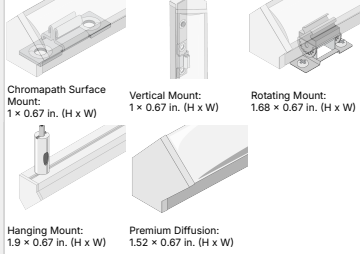
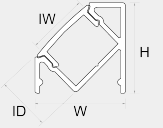

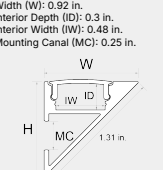

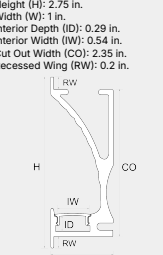
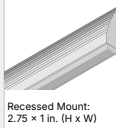
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- S1
- S2
- S45
- A1
- A2
- A3
- SLIM
- 16MM SQUARE
- 20MM ROUND
- 20MM SQUARE
- SQUARE

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- ROD
- MUD-IN 1 IN.
- MUD-IN 1 IN. SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- FLEXIBLE MUD-IN
- MUD-IN 2 IN.
- RECESSED

- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED ANGLE
- SHORT WALK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>SQUARE Channel</b> DI-CPCHB-SQ (SQ) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller <a href="https://qrco.de/bdlwWF">https://qrco.de/bdlwWF</a>	Height (H): 0.55 in. Width (W): 0.82 in. Interior Depth (ID): 0.27 in. Interior Width (IW): 0.67 in. 	48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	• 8mm Terminal Block (clear)	Architectural Frosted Lens STMLT, STMLT4: Dotless Premium Diffusion Lens STMLT, STMLT4: Dotless For diffusion options not listed, refer to SQUARE Channel Specification Sheet.	• Beam Angle: 120° • IP Rating Shift: IP20 Architectural Clear Lens • Light Loss: 10% • CCT Shift: -20K Architectural Frosted Lens • Light Loss: 10% • CCT Shift: -35K Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K Premium Diffusion Lens • Light Loss: 10% • CCT Shift: -30K	
<b>45° Channel</b> DI-CPCHB-45 (45) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller <a href="https://qrco.de/bdlwax">https://qrco.de/bdlwax</a>	Height (H): 0.94 in. Width (W): 0.67 in. Interior Depth (ID): 0.32 in. Interior Width (IW): 0.67 in. 	48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	• 8mm Terminal Block (clear) • Streamlite Connector	Architectural Frosted Lens STMLT, STMLT4: Dotless Premium Diffusion Lens STMLT, STMLT4: Dotless For diffusion options not listed, refer to 45° Channel Specification Sheet.	• Beam Angle: 120° • IP Rating Shift: IP20 Architectural Clear Lens • Light Loss: 10% • CCT Shift: -20K Architectural Frosted Lens • Light Loss: 10% • CCT Shift: -35K Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K Premium Diffusion Lens • Light Loss: 10% • CCT Shift: -30K	
<b>45° DECO Channel</b> DI-CPCHB-45DCO (45DCO) 48", 96" Aluminum For 10mm Tape Lights or smaller <a href="https://qrco.de/bdlwZs">https://qrco.de/bdlwZs</a>	Height (H): 0.73 in. Width (W): 0.73 in. Interior Depth (ID): 0.42 in. Interior Width (IW): 0.47 in. 	48 in. channel & lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed.	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	
<b>90° SIDEVIEW Channel</b> DI-CPCHB-90SD (90) 48", 96" Aluminum For 12mm Tape Lights or smaller <a href="https://qrco.de/bdlwuV">https://qrco.de/bdlwuV</a>	Height (H): 0.92 in. Width (W): 0.92 in. Interior Depth (ID): 0.3 in. Interior Width (IW): 0.48 in. Mounting Canal (MC): 0.25 in. 	48 in. channel & frosted cover Mounting hardware End caps: 1x open, 1x closed. 96 in. channel & frosted cover Mounting hardware End caps: 2x open, 2x closed.	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	
<b>REFLECTOR Channel</b> DI-CPCHB-RFCTR (REF) 48", 96" Aluminum <a href="https://qrco.de/bdlwvn">https://qrco.de/bdlwvn</a>	Height (H): 2.75 in. Width (W): 1 in. Interior Depth (ID): 0.29 in. Interior Width (IW): 0.54 in. Cut Out Width (CO): 2.35 in. Recessed Wing (RW): 0.2 in. 	48 in. channel & frosted cover End caps: 1x open, 1x closed. 96 in. channel & frosted cover End caps: 1x open, 1x closed.	• 8mm Terminal Block (clear) • Streamlite Connector	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	



### RECOMMENDED CHANNELS

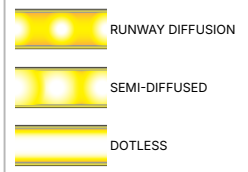
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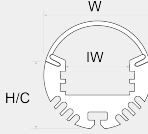
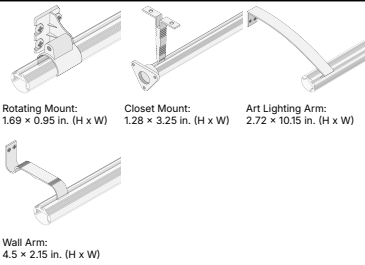
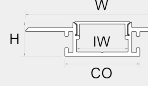
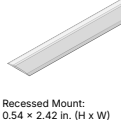
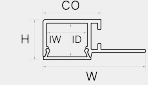
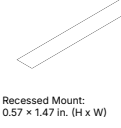
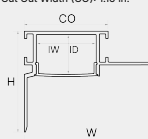

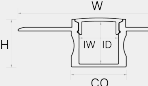
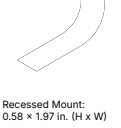
<https://www.diodeled.com/products/channels.html>

- S1
- S2
- S45
- A1
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- A3
- SLIM
- 16MM SQUARE
- 20MM ROUND
- 20MM SQUARE
- SQUARE

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- ROD
- MUD-IN 1 IN.
- MUD-IN 1 IN. SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- FLEXIBLE MUD-IN
- MUD-IN 2 IN.
- RECESSED

- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED ANGLE
- SHORT WALK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>ROD Channel</b> DI-CPCHB-RDCL (ROD) 48", 96" Aluminum For 12mm Tape Lights or smaller <a href="https://qrco.de/bdlwtp">https://qrco.de/bdlwtp</a>		78.74 in. channel & frosted lens 1x open end-cap, 1x closed end-cap 4x 180° swivel brackets 2x Closet Mounting Brackets 2x Support Brackets	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 180°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 <p>Rotating Mount: 1.69 x 0.95 in. (H x W)</p> <p>Closet Mount: 1.28 x 3.25 in. (H x W)</p> <p>Art Lighting Arm: 2.72 x 10.15 in. (H x W)</p> <p>Wall Arm: 4.5 x 2.15 in. (H x W)</p>
<b>MUD-IN 1 IN. Channel</b> DI-CPCHB-MUD1 (M1) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/bdlwnz">https://qrco.de/bdlwnz</a>		96 in. channel & opal lens 2x end-to-end connectors End caps: 2x open, 2x closed. 96 in. channel & lens End caps: 2x open, 2x closed	<ul style="list-style-type: none"> <li>• 8mm Terminal Block (clear)</li> <li>• Streamlite Connector</li> </ul>	Opal Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul> Opal Lens <ul style="list-style-type: none"> <li>• Light Loss: 55%</li> <li>• CCT Shift: -200K</li> </ul>	 <p>Recessed Mount: 0.54 x 2.42 in. (H x W)</p>
<b>MUD-IN 1 IN. SINGLE FLANGE Channel</b> DI-CPCHB-MUD1-SF (MUD1-SF) 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/bfmbbs">https://qrco.de/bfmbbs</a>		96 in. channel & lens End caps: 2x open, 2x closed	<ul style="list-style-type: none"> <li>• 8mm Terminal Block (clear)</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 <p>Recessed Mount: 0.57 x 1.47 in. (H x W)</p>
<b>MUD-IN 1 IN. WALL REVEAL Channel</b> DI-CPCHB-MUD1-WREV (MUD1-WREV) 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/bfmbbsH">https://qrco.de/bfmbbsH</a>		96 in. channel & lens End caps: 2x open, 2x closed	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 <p>Recessed Mount: 1.37 x 1.93 in. (H x W)</p>
<b>FLEXIBLE MUD-IN Channel</b> DI-CPCHB-MUDFLX (MUDFLX) 96" Aluminum <a href="https://qrco.de/bfmbbsH">https://qrco.de/bfmbbsH</a>		96 in. channel & lens End caps: 2x open, 2x closed	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Frosted Silicone Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: -40K</li> </ul>	 <p>Recessed Mount: 0.58 x 1.97 in. (H x W)</p>



### RECOMMENDED CHANNELS

For additional information visit:

<https://www.diodeled.com/products/channels.html>

- S1
- S2
- S45
- A1
- A2
- A3
- SLIM
- 16MM SQUARE
- 20MM ROUND
- 20MM SQUARE
- SQUARE

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- ROD
- MUD-IN 1 IN.
- MUD-IN 1 IN. SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- FLEXIBLE MUD-IN
- MUD-IN 2 IN.
- RECESSED

- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED ANGLE
- SHORT WALK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM




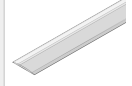
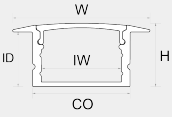
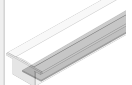
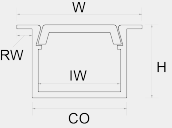

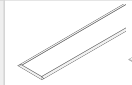

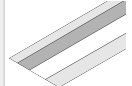
RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>MUD-IN 2 IN. Channel</b> DI-CPCHB-MUD2 (M12) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/bdlwpY">https://qrco.de/bdlwpY</a>	Height (H): 0.8 in. Width (W): 3.86 in. Interior Depth (ID): 0.69 in. Interior Width (IW): 1.84 in. Cut Out Width (CO): 1.97 in. 	96 in. channel & opal lens 2x surface mounting clips End caps: 2x open, 2x closed.	• 8mm Terminal Block (clear) • Streamlite Connector	Opal Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Opal Lens • Light Loss: 55% • CCT Shift: -200K	 Recessed Mount: 0.8 × 3.86 in. (H x W)
<b>RECESSED Channel</b> DI-CPCHB-REC (REC) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/bdlwXH">https://qrco.de/bdlwXH</a>	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.	• 8mm Terminal Block (clear) • Streamlite Connector	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 3M Adhesive: 0.59 × 1.03 in. (H x W)  Recessed Mount: 0.49 × 1.03 in. (H x W)  Mounting Clip: 0.49 × 1.03 in. (H x W)
<b>SLIM RECESSED Channel</b> DI-CPCHB-SLR (SLR) 48", 96" Aluminum For 10mm Tape Lights or smaller <a href="https://qrco.de/bdlwYE">https://qrco.de/bdlwYE</a>	Height (H): 0.38 in. Width (W): 0.65 in. Interior Depth (ID): 0.28 in. Interior Width (IW): 0.4 in. Cut Out Width (CO): 0.49 in. Recessed Wing (RW): 0.08 in. 	48 in. channel & frosted lens End caps: 1x open square, 1x open round, 1x closed square 96 in. channel & frosted lens End caps: 1x open square, 1x open round, 1x closed square.	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.38 × 0.65 in. (H x W)
<b>SHORT RECESSED Channel</b> DI-CPCHB-SHREC (SHREC) 96" Aluminum For 10mm Tape Lights or smaller <a href="https://qrco.de/bfmbv">https://qrco.de/bfmbv</a>	Height (H): 0.31 in. Width (W): 0.98 in. Interior Depth (ID): 0.21 in. Interior Width (IW): 0.46 in. Cut Out Width (CO): 0.69 in. 	96 in. channel & lens 4x mounting clips End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.31 × 0.98 in. (H x W)  Mounting Clip: 0.31 × 0.98 in. (H x W)
<b>RECESSED 45-DEGREE Channel</b> DI-CPCHB-45REC (45REC) 96" Aluminum <a href="https://qrco.de/bfmbt8">https://qrco.de/bfmbt8</a>	Height (H): 0.57 in. Width (W): 1.26 in. Interior Depth (ID): 0.19 in. Interior Width (IW): 0.42 in. Cut Out Width (CO): 1.11 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.57 × 1.26 in. (H x W)





### RECOMMENDED CHANNELS

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- MUD-IN 1 IN. SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- FLEXIBLE MUD-IN
- MUD-IN 2 IN.
- RECESSED

- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED ANGLE
- SHORT WALK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



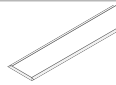
RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>RECESSED ANGLE Channel</b> DI-CPCHB-AREC (AREC) 96" Aluminum For 10mm Tape Lights or smaller <a href="https://qrco.de/bfmbtM">https://qrco.de/bfmbtM</a>	Height (H): 0.46 in. Width (W): 0.78 in. Interior Depth (ID): 0.23 in. Interior Width (IW): 0.46 in. Cut Out Width (CO): 0.67 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20  Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.46 x 0.78 in. (H x W)
<b>SHORT WALK-OVER Channel</b> DI-CPCHB-SWO (SWO) 96" Aluminum For 10mm Tape Lights or smaller <a href="https://qrco.de/bfmbuE">https://qrco.de/bfmbuE</a>	Height (H): 0.44 in. Width (W): 1.06 in. Interior Depth (ID): 0.27 in. Interior Width (IW): 0.46 in. Cut Out Width (CO): 0.87 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20  Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.44 x 1.06 in. (H x W)
<b>WALK-OVER Channel</b> DI-CPCHB-WO (WO) 96" Aluminum For 10mm Tape Lights or smaller <a href="https://qrco.de/bq1VOp">https://qrco.de/bq1VOp</a>	Height (H): 1.05 in. Width (W): 0.84 in. Interior Depth (ID): 0.79 in. Interior Width (IW): 0.41 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20  Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 1.05 x 0.84 in. (H x W)
<b>SCONCE Channel</b> DI-CPCHB-SCNC (SCNC) 48", 96" Aluminum For 14mm Tape Lights or smaller <a href="https://qrco.de/bdlweg">https://qrco.de/bdlweg</a>	Height (H): 1.1 in. Width (W): 1.21 in. Interior Depth (ID): 0.53 in. Interior Width (IW): 0.84 in. 	48 in. channel, 2x frosted cover Mounting plate End caps: 1x open, 1x closed.  96 in. channel, 2x frosted cover Mounting plate End caps: 1x open, 1x closed.	• 8mm Terminal Block (clear) • Streamlite Connector	Classic Frosted Lens STMLT, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20  Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 3M Adhesive: 1.2 x 1.21 in. (H x W)
<b>GRAZER Channel</b> DI-CPCHB-GZRNB (GZR) 48", 96" Aluminum <a href="https://qrco.de/bdlwcE">https://qrco.de/bdlwcE</a>	Height (H): 0.69 in. Width (W): 0.62 in. Interior Depth (ID): 0.45 in. Interior Width (IW): 0.42 in. 	48 in. channel & clear matte optic lens  96 in. channel & clear matte optic lens	• Soldered Lead Only	Clear Matte Optics Lens STMLT, STMLT4: Dotless	• Beam Angle: 24° • IP Rating Shift: IP20	 Mounting Clip: 0.69 x 0.62 in. (H x W)



### RECOMMENDED CHANNELS

For additional information visit:

<https://www.diodeled.com/products/channels.html>

- S1
- S2
- S45
- A1
- A2
- A3
- SLIM
- 16MM SQUARE
- 20MM ROUND
- 20MM SQUARE
- SQUARE

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- ROD
- MUD-IN 1 IN.
- MUD-IN 1 IN. SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- FLEXIBLE MUD-IN
- MUD-IN 2 IN.
- RECESSED

- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED ANGLE
- SHORT WALK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM




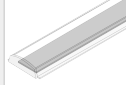
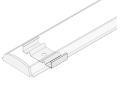
RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
<b>WAVEFORM Channel</b> DI-CPCHB-WF (WF) 48" Aluminum For 12mm Tape Lights or smaller <a href="https://qrco.de/bdlwn0">https://qrco.de/bdlwn0</a>	Height (H): 0.3 in. Width (W): 0.71 in. Interior Depth (ID): 0.25 in. Interior Width (IW): 0.49 in. 	48 in. channel & frosted lens 2x surface mounting clips End caps: 1x open, 1x closed.	<ul style="list-style-type: none"> <li>• Soldered Lead Only</li> </ul>	Classic Frosted Lens STMLT, STMLT4: Dotless	<ul style="list-style-type: none"> <li>• Beam Angle: 120°</li> <li>• IP Rating Shift: IP20</li> </ul> Classic Frosted Lens <ul style="list-style-type: none"> <li>• Light Loss: 20%</li> <li>• CCT Shift: ~40K</li> </ul>	 3M Adhesive: 0.4 x 0.71 in. (H x W)  U-Clip: 0.31 x 0.72 in. (H x W)

### RECOMMENDED POWER SUPPLIES

For additional Power Supply information, refer to individual Specification Sheet data at diodeled.com.

- OMNIDRIVE X
- VLM
- 0-10V
- OMNIDRIVE



#### OMNIDRIVE® X DIMMABLE DRIVER

For additional information visit:

<https://www.diodeled.com/omnidrive-reg-x-electronic-and-0-10v-dimmable-driver.html>

Versatile driver for most high-performance dimming on ELV, TRIAC, and 0-10V systems.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-ODX-24V30W	Class 2, Dimmable 6.1 × 2.1 × 0.8 in.	120-277V	24V / 30W	None
DI-ODX-24V30W-J	Class 2, Dimmable 6.5 × 3.7 × 1.57 in.	120-277V	24V / 30W	None
DI-ODX-24V60W	Class 2, Dimmable 7 × 2.4 × 1 in.	120-277V	24V / 60W	None
DI-ODX-24V60W-J	Class 2, Dimmable 7.4 × 3.7 × 1.57 in.	120-277V	24V / 60W	None
DI-ODX-24V96W	Class 2, Dimmable 9 × 2.7 × 1.7 in.	120-277V	24V / 96W	None
DI-ODX-24V96W-J	Class 2, Dimmable 8.66 × 3.7 × 1.57 in.	120-277V	24V / 96W	None
DI-ODX-24V120W-J	Dimmable 8.66 × 3.7 × 1.57 in.	120-277V	24V / 120W	None
DI-ODX-24V200W-J	Dimmable 10.24 × 4.13 × 1.77 in.	120-277V	24V / 200W	None



#### VLM SERIES CONSTANT VOLTAGE DRIVER

For additional information visit:

<https://www.diodeled.com/vlm-series-led-driver.html>

Compact driver for on/off, PWM dimming, and color-changing applications.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
VLM60W-24	Class 2 5.1 × 0.75 × 0.77 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None
VLM60W-24-LPM	Class 2 8.19 × 2.94 × 1.31 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None
VLM60W-24-LPS	Class 2 11.25 × 3.75 × 1.9 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None
VLM60W-24-LPS3R	Class 2 10.79 × 7.34 × 2.36 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None
VLM100W-24	Class 2 5.38 × 1 × 0.77 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM100W-24-LPM	Class 2 8.19 × 2.94 × 1.31 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM100W-24-LPS	Class 2 11.25 × 3.75 × 1.9 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM100W-24-LPS3R	Class 2 10.79 × 7.34 × 2.36 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM200W-24-LPL	Class 2 13.5 × 4.5 × 2.38 in.	120 / 277VAC 47 - 63Hz	24V / 100W (X2)	None

### RECOMMENDED POWER SUPPLIES

For additional Power Supply information, refer to individual Specification Sheet data at diodeled.com.

- OMNIDRIVE X
- VLM
- 0-10V
- OMNIDRIVE

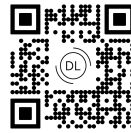


#### OMNIDRIVE® ELECTRONIC DIMMABLE DRIVER

For additional information visit:  
<https://www.diodeled.com/omnidrive-dimmable-drivers.html>

Our classic electronic dimmable (ELV) driver. Superior dimming and wide compatibility with popular dimmers.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-TD-24V-10W	Class 2, Dimmable 5.7 × 2.1 × 0.75 in.	90~135VAC at ~50/60Hz	24V / 10W	Load at least 60% labeled load
DI-TD-24V-10W-LPS	Class 2, Dimmable 11.25 × 3.75 × 1.9 in.	90~135VAC at ~50/60Hz	24V / 10W	Load at least 60% labeled load
DI-TD-24V-10W-LPS3R	Class 2, Dimmable 10.79 × 7.34 × 2.36 in.	90~135VAC at ~50/60Hz	24V / 10W	Load at least 60% labeled load
DI-TD-24V-20W	Class 2, Dimmable 5.7 × 2.1 × 0.75 in.	90~135VAC at ~50/60Hz	24V / 20W	Load at least 60% labeled load
DI-TD-24V-20W-LPS	Class 2, Dimmable 11.25 × 3.75 × 1.9 in.	90~135VAC at ~50/60Hz	24V / 20W	Load at least 60% labeled load
DI-TD-24V-20W-LPS3R	Class 2, Dimmable 10.79 × 7.34 × 2.36 in.	90~135VAC at ~50/60Hz	24V / 20W	Load at least 60% labeled load
DI-TD-24V-30W	Class 2, Dimmable 7 × 2.3 × 1.35 in.	90~135VAC at ~50/60Hz	24V / 30W	Load at least 60% labeled load
DI-TD-24V-30W-LPS	Class 2, Dimmable 11.25 × 3.75 × 1.9 in.	90~135VAC at ~50/60Hz	24V / 30W	Load at least 60% labeled load
DI-TD-24V-30W-LPS3R	Class 2, Dimmable 10.79 × 7.34 × 2.36 in.	90~135VAC at ~50/60Hz	24V / 30W	Load at least 60% labeled load
DI-TD-24V-45W	Class 2, Dimmable 7 × 2.3 × 1.35 in.	90~135VAC at ~50/60Hz	24V / 45W	Load at least 60% labeled load
DI-TD-24V-45W-LPL	Class 2, Dimmable 13.5 × 4.5 × 2.38 in.	90~135VAC at ~50/60Hz	24V / 45W	Load at least 60% labeled load
DI-TD-24V-45W-LPS3R	Class 2, Dimmable 10.79 × 7.34 × 2.36 in.	90~135VAC at ~50/60Hz	24V / 45W	Load at least 60% labeled load
DI-TD-24V-60W	Class 2 7.9 × 2.7 × 1.8 in.	90 ~ 135VAC 50/60Hz	24V / 60W	Load at least 60% labeled load
DI-TD-24V-60W-LPL	Class 2 13.5 × 4.5 × 2.38 in.	90 ~ 135VAC 50/60Hz	24V / 60W	Load at least 60% labeled load
DI-TD-24V-60W-LPS3R	Class 2 10.79 × 7.34 × 2.36 in.	90 ~ 135VAC 50/60Hz	24V / 60W	Load at least 60% labeled load
DI-TD-24V-80W	Class 2 7.9 × 2.7 × 1.8 in.	90 ~ 135VAC 50/60Hz	24V / 80W	Load at least 60% labeled load
DI-TD-24V-80W-LPL	Class 2 13.5 × 4.5 × 2.38 in.	90 ~ 135VAC 50/60Hz	24V / 80W	Load at least 60% labeled load
DI-TD-24V-80W-LPS3R	Class 2 10.79 × 7.34 × 2.36 in.	90 ~ 135VAC 50/60Hz	24V / 80W	Load at least 60% labeled load
DI-TD-24V-96W	Class 2 7.9 × 2.7 × 1.8 in.	90 ~ 135VAC 50/60Hz	24V / 96W	Load at least 60% labeled load
DI-TD-24V-96W-LPL	Class 2 13.5 × 4.5 × 2.38 in.	90 ~ 135VAC 50/60Hz	24V / 96W	Load at least 60% labeled load
DI-TD-24V-96W-LPS3R	Class 2 10.79 × 7.34 × 2.36 in.	90 ~ 135VAC 50/60Hz	24V / 96W	Load at least 60% labeled load



#### 0-10V DIMMABLE LED DRIVER

For additional information visit:  
<https://www.diodeled.com/commercial-grade-0-10v-dimmable-drivers.html>

Driver for cost-effective dimming on 0-10V control systems.

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-DM-MW24V60W-0-10V	Class 2 5.9 × 2.1 × 1.4 in.	120 ~ 277VAC 50/60Hz	24V / 60W	None
DI-DM-MW24V60W-0-10V-LPS	Class 2 11.25 × 3.75 × 1.9 in.	120 ~ 277VAC 50/60Hz	24V / 60W	None
DI-DM-MW24V60W-0-10V-LPS3R	Class 2 10.79 × 7.34 × 2.36 in.	120 ~ 277VAC 50/60Hz	24V / 60W	None
DI-DM-MW24V90W-0-10V	Class 2 6.8 × 2.5 × 1.5 in.	120 ~ 277VAC 50/60Hz	24V / 90W	None
DI-DM-MW24V90W-0-10V-LPL	Class 2 13.5 × 4.5 × 3.75 in.	120 ~ 277VAC 50/60Hz	24V / 90W	None
DI-DM-MW24V90W-0-10V-LPS3R	Class 2 10.79 × 7.34 × 2.36 in.	120 ~ 277VAC 50/60Hz	24V / 90W	None

### RECOMMENDED CONTROLLERS

For additional Controller information, refer to individual Specification Sheet data at [diodeled.com](https://www.diodeled.com).



#### CASAMBI® CONTROLLERS

For additional information visit:

<https://www.diodeled.com/casambi-controllers-3020.html>

The CASAMBI controllers will remotely control your lighting through the app - downloadable for IOS & Android.



#### SWITCHEX® DRIVER AND DIMMER SWITCH

For additional information visit:

<https://www.diodeled.com/switchex.html>

LED driver and dimmer switch combined in a single gang box.



#### TOUCHDIAL™ CONTROL SYSTEMS

For additional information visit:

<https://www.diodeled.com/touchdial-wifi-color-control-system.html>

The TOUCHDIAL™ zone control system controls single color dimming, tunable white, and color changing LED lighting via mobile device and additional TOUCHDIAL controls.



#### ATTRIBUTE® COLOR CONTROLLERS

For additional information visit:

<https://www.diodeled.com/attribute-color-controller.html>

Affordable, flexible color controllers for RGB and RGBW LED lighting. Easy to install.

### CERTIFICATIONS

#### Safety

- UL Listed 2108 Flexible Lighting Systems. Certified for United States and Canada. File # E469769.
- UL Listed Field Cuttable.
- Approved for storage areas of clothes closets per NEC 410.16.A.1,3 and 410.16.C.1,3,5

#### Environment

- Ambient Temperature: -4 ~ 122°F (-20 ~ 50°C)
- Operating Temperature: -4 ~ 176°F (-20 ~ 80°C)
- RoHS Compliant: Verification No. CANEC1610091501

#### Performance

- Can be used to comply with TITLE 24 Part 6 High Efficacy Lighting LED requirements - JA8-2016-2022-E
- Photometric & Colorimetry data measured in accordance to IES LM-79-08, in Elemental LED's Innovation Lab.

### 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. Only use copper wiring. Use wires rated for at least 176°F (80°C) and certified for use with external connection of electrical equipment.
4. Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.
5. Tape light, attached wire leads, and additional extension cables, connectors, etc., are not rated for in-wall installation unless otherwise noted. Tape light and attached wire leads are field-cuttable.
6. Maximum Run values are calculated to show the total length a product may be connected in series without experiencing significant voltage drop and light loss. A product's listed Maximum Run may be greater than its longest purchasable length.
7. 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.
8. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.
9. Do not install in environment where excessive heat may exist (ex. close proximity to fireplace, etc.) See Ambient Temperature ratings
10. 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.
11. Do not modify product beyond instructions or warranty will be void.
12. Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
13. 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

- 7 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/](http://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.

- Lumen value measured in accordance to IES LM-79-08. LED chips have a luminous flux range with a tolerance of +/- 5%.
- Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length. Max run may exceed Class 2 limit. Actual wattage may differ from calculated wattage due to voltage drop across run.
- Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.
- Actual efficacy value is dependent to specified LED driver (power supply). An estimated efficacy value can be calculated as follows: Lumen value divided by average power consumption per foot.
- Operating temperature is measured according to the minimum and maximum ambient temperature environment.