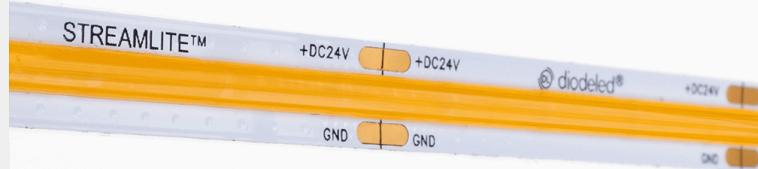


STREAMLITE™ LED Tape Light

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 (OPTIONAL)

Soldered Wire Lead and Connection Options

DI	Voltage	Model	CCT	Length	Input Wire Color, Length, and Connection			Output Wire Color, Length, and Connection		
					Color & Type	Length	Connection	Color & Type	Length	Connection
24V (24V Volt)	STMLT	24 (2400K)	35 (3500K)	.016 (16 feet)	WH (White CL2 - Default)	36I (36 in. - Default)	BW (Bare Wire - Default)	*blank* (No Wire - Default)	— in.	BW (Bare Wire - Default)
	STMLT1	27 (2700K)	40 (4000K)	100 (100 feet)		BL (Black CL2)	DC (Barrel)			
	STMLT2	30 (3000K)	50 (5000K)	CSTM_ (__in.)		SV (Silver Plenum - Bare Lead only)	MIC (Interconnect)			
	STMLT4	—	—	—		BL (Black CL2)	DC (Barrel)			
GENERAL SPECIFICATIONS (ALL MODELS)										
Voltage	24VDC									
Cut Points	1.8 in.									
Dimmable	Yes									
CRI	90+									
Dimensions	0.31 x 0.08 in. (W x H)									
TM-21 (LM-80)	>50,000 hours									
Environment	Indoor / Damp Location (IP20)									
Lead Wire A	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief									
Lead Wire B	36 in. Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief									
Certification	UL Listed 2108									
Limited Warranty	10 Year Limited Warranty									

DETAILED SPECIFICATIONS

	24V-STMLT1	24V-STMLT2	24V-STMLT	24V-STMLT4
Lumen Series	100	200	300	400
Wattage	1.5W/ft.	2.2W/ft.	3.3W/ft.	5W/ft.
Max Run (ft.)	30 ft.	25 ft.	20 ft.	16.4 ft.
LED Chips	160/ft.	160/ft.	160/ft.	176/ft.
2400K	124 Lm/ft.	175 Lm/ft.	235 Lm/ft.	390 Lm/ft.
2700K	129 Lm/ft.	186 Lm/ft.	244 Lm/ft.	402 Lm/ft.
3000K	135 Lm/ft.	198 Lm/ft.	262 Lm/ft.	409 Lm/ft.
3500K	143 Lm/ft.	205 Lm/ft.	287 Lm/ft.	421 Lm/ft.
4000K	150 Lm/ft.	229 Lm/ft.	314 Lm/ft.	466 Lm/ft.
5000K	152 Lm/ft.	233 Lm/ft.	330 Lm/ft.	475 Lm/ft.

MECHANICAL DIAGRAMS
24V-STMLT

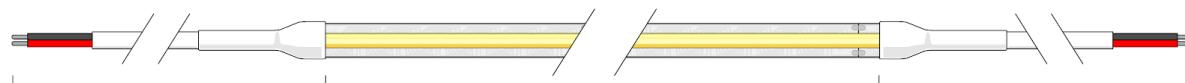
 1.8 in.
(46 mm)

24V-STMLT1

 Width
0.31 in.
(8 mm)

24V-STMLT2
24V-STMLT4

 Height
0.08 in. c
(3 mm)

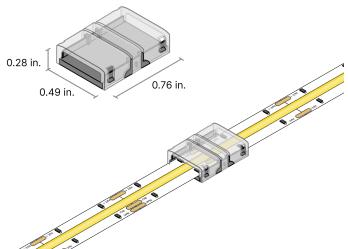
CONNECTIONS


36 Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief

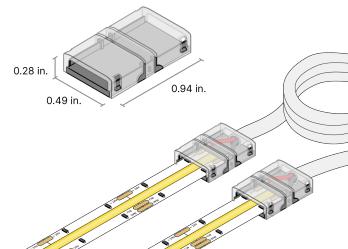
36 Bare Lead 20/2 AWG UL 2464 Wire with Strain Relief

ACCESSORIES
DI-LK-CONN-TTT-1

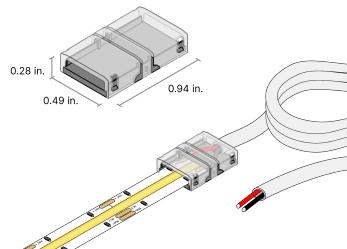
STREAMLITE Tape-to-Tape connector, no wire (Tape to Tape)


DI-LK-CONN-12JPR-1

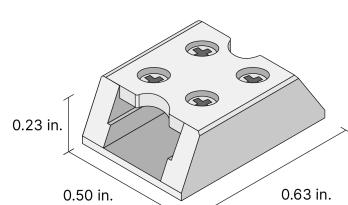
STREAMLITE Tape-to-Tape plus 12 in. wire (Jumper)


DI-LK-CONN-SPL24-1

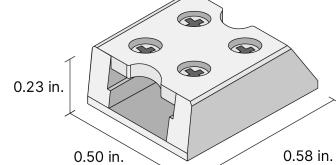
STREAMLITE Tape-to-Wire connector, 24 in. (Splice)


DI-TB8-CONN-TTT

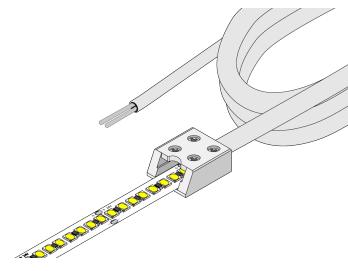
Tape Light Terminal Block Connector, Screw Down, 8mm, Tape-To-Tape


DI-TB8-CONN-TTW

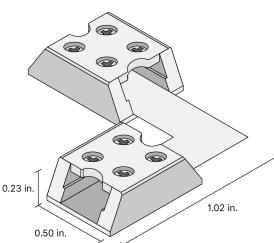
Tape Light Terminal Block Connector, Screw Down, 8mm, Tape-To-Wire


DI-TB8-60SPL-TTW

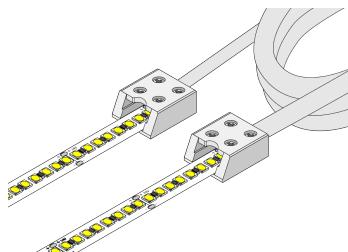
Tape Light Terminal Block, 8mm, Lead Wire Attached (Tape to Wire), 60 in. 20 AWG Splice Wire, White


DI-TB8-90-TTT

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


DI-TB8-6JPR-TTT

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


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:

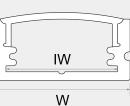
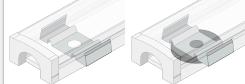
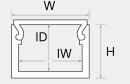
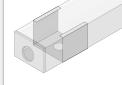
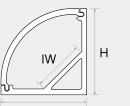
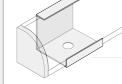
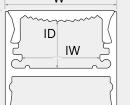
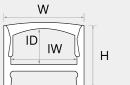
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- S1
- S2
- S45
- A1
- A2
- A3
- SLIM
- 16MM
- 20MM ROUND
- 20MM SQUARE
- SQUARE

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- S1 CUT-OFF
- MUD-IN 0.5 IN.
- MUD-IN 1IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 0.5 IN. WALL REVEAL
- FLEXIBLE MUD-IN
- MUD-IN 2 IN. RECESSED
- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED 20-DEGREE
- SHORT WALK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
S1 Channel DI-CHB-S1 (S1) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwTb	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.	• 8mm Terminal Block (clear)	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	<ul style="list-style-type: none"> • Beam Angle: 120° • IP Rating Shift: IP20 	 U-Clip: 0.32 x 0.68 in. (H x W) S1 Magnetic U-Clip: 0.53 x 0.67 in. (H x W)
S2 Channel DI-CHB-S2 (S2) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/beoyQV	Height (H): 0.57 in. Width (W): 0.74 in. Interior Depth (ID): 0.34 in. Interior Width (IW): 0.65 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	• Streamlite Connector	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	<ul style="list-style-type: none"> • Beam Angle: 120° • IP Rating Shift: IP20 	 S2 Clip: 0.63 x 0.84 in. (H x W)
S45 Channel DI-CHB-S45 (S45) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/beoyQb	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	• 8mm Terminal Block (clear) • Streamlite Connector	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	<ul style="list-style-type: none"> • Beam Angle: 120° • IP Rating Shift: IP20 	 U-Clip: 0.79 x 0.79 in. (H x W)
A1 Channel DI-CHB-A1 (A1) 48", 90" Aluminum, White, Black For 14mm Tape Lights or smaller https://qrco.de/bf6mfj	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 End caps: 1x open, 1x closed. 90 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed, 2x slotted 96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed, 2x slotted	• 8mm Terminal Block (clear) • Streamlite Connector	Architectural Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	<ul style="list-style-type: none"> • Beam Angle: 120° • IP Rating Shift: IP20 	 U-Clip: 0.82 x 0.88 in. (H x W)
A2 Channel DI-CHB-A2 (A2) 48", 96" Aluminum, White, Black https://qrco.de/bf6nFQ	Height (H): 0.55 in. Width (W): 0.63 in. Interior Depth (ID): 0.33 in. Interior Width (IW): 0.48 in. 	48 in. channel & optional lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & optional lens 4x surface mounting clips End caps: 2x open, 2x closed. 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	Architectural Frosted Satin Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless Architectural Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless For diffusion options not listed, refer to A2 Channel Specification Sheet.	<ul style="list-style-type: none"> • Beam Angle: 120° • IP Rating Shift: IP20 	 U-Clip: 0.56 x 0.64 in. (H x W)

RECOMMENDED CHANNELS

For additional information visit:

<https://qrco.de/bfylau>

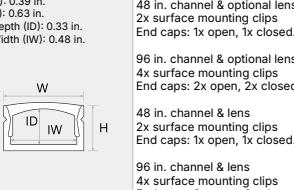
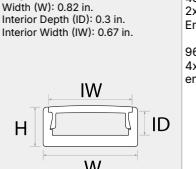
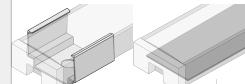
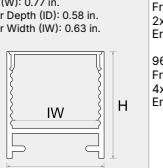
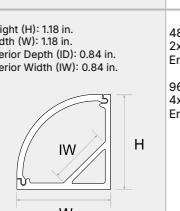
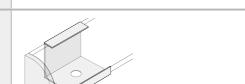
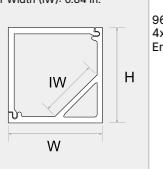


- S1
- S2
- S45
- A1
- A2
- A3
- SLIM
- 16MM
- 20MM ROUND
- 20MM SQUARE
- SQUARE

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- S1 CUT-OFF
- MUD-IN 0.5 IN.
- MUD-IN 0.5 IN. WALL REVEAL
- MUD-IN 1IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 1IN. WALL REVEAL
- FLEXIBLE MUD-IN

- MUD-IN 2 IN.
- RECESSED
- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED 20-DEGREE
- SHORT KALOVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
A3 Channel DI-CHB-A3 (A3) 48", 96" Aluminum, White, Black For 12mm Tape Lights or smaller https://qrco.de/bf6nGo		48 in. channel & optional lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & optional lens 4x surface mounting clips End caps: 2x open, 2x closed. 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	Architectural Frosted Satin Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless Architectural Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless For diffusion options not listed, refer to A3 Channel Specification Sheet.	• Beam Angle: 120° • IP Rating Shift: IP20 Architectural Clear Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless Architectural Frosted Lens • Light Loss: 30% • CCT Shift: -20K Architectural Frosted Satin Lens • Light Loss: 45% • CCT Shift: -80K	 U-Clip: 0.4 x 0.64 in. (H x W)  Flat Louver: 0.54 x 0.82 in. (H x W)
SLIM Channel DI-CPCHB-SL (SL) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller https://qrco.de/bdlwSm		48 in. channel & optional lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & optional lens 4x surface mounting clips end caps: 2x open, 2x closed	• 8mm Terminal Block (clear) • Streamlite Connector	Architectural Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless Premium Diffusion Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless For diffusion options not listed, refer to SLIM Channel Specification Sheet.	• Beam Angle: 120° • IP Rating Shift: IP20 Architectural Clear Lens • Light Loss: 10% • CCT Shift: -20K Architectural Frosted Lens • Light Loss: 30% • CCT Shift: -35K Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K Premium Diffusion Lens • Light Loss: 10% • CCT Shift: -30K	 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) 
16MM Channel DI-CPCHB-16MM (16) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwd		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.	• 8mm Terminal Block (clear) • Streamlite Connector	Architectural Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless Black Lens • Light Loss: 90% • CCT Shift: -350K	• Beam Angle: 120° • IP Rating Shift: IP20 Architectural Frosted Lens • Light Loss: 30% • CCT Shift: -35K Black Lens • Light Loss: 90% • CCT Shift: -350K	 Mounting Clip: 0.89 x 0.77 in. (H x W)
20MM ROUND Channel DI-CPCHB-RC20 (RC20) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwlt		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	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 180° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 U-Clip: 1.19 x 1.19 in. (H x W)
20MM SQUARE Channel DI-CPCHB-SQC20 (SQ20) 48", 96" Aluminum https://qrco.de/bdlwjN		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	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 180° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 U-Clip: 1.19 x 1.19 in. (H x W)

RECOMMENDED CHANNELS

For additional information visit:

<https://qrco.de/bfylau>



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

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- S1 CUT-OFF
- MUD-IN 0.5 IN.
- MUD-IN 0.5 IN. WALL REVEAL
- MUD-IN 1 IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 1IN. WALL REVEAL
- FLEXIBLE MUD-IN

- MUD-IN 2 IN.
- RECESSED
- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED 20-DEGREE
- SHORT WALL-KOVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
SQUARE Channel DI-CPCHB-SQ (SQ) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller https://qrco.de/bdlwWF		48 in. channel & optional lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & optional lens 4x surface mounting clips End caps: 2x open, 2x closed.	• 8mm Terminal Block (clear)	Architectural Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless Premium Diffusion Lens STMLT, STMLT1, STMLT2, 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: 30% • CCT Shift: -35K Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K Premium Diffusion Lens • Light Loss: 10% • CCT Shift: -30K	
45° Channel DI-CPCHB-45 (45) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller https://qrco.de/bdlwax		48 in. channel & optional lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & optional lens 4x surface mounting clips End caps: 2x open, 2x closed.	• 8mm Terminal Block (clear) • Streamlite Connector	Architectural Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless Premium Diffusion Lens STMLT, STMLT1, STMLT2, 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: 30% • CCT Shift: -35K Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K Premium Diffusion Lens • Light Loss: 10% • CCT Shift: -30K	
45° DECO Channel DI-CPCHB-45DCO (45DCO) 48", 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bdlwzs		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, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	
90° SIDEVIEW Channel DI-CPCHB-90SD (90) 48", 96" Aluminum For 12mm Tape Lights or smaller https://qrco.de/bdlwuV		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, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	
REFLECTOR Channel DI-CPCHB-RFCTR (REF) 48", 96" Aluminum https://qrco.de/bdlwvn		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, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	

RECOMMENDED CHANNELS

For additional information visit:

<https://qrco.de/bfyiau>

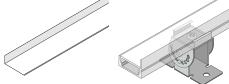
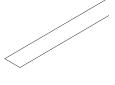
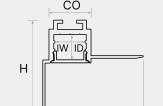
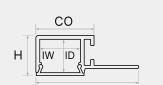


- S1
- S2
- S45
- A1
- A2
- A3
- SLIM
- 16MM
- 20MM ROUND
- 20MM SQUARE
- SQUARE

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- S1 CUT-OFF
- MUD-IN 0.5 IN.
- MUD-IN 1 IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 0.5 IN. WALL REVEAL
- FLEXIBLE MUD-IN

- MUD-IN 2 IN.
- RECESSED
- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED 20-DEGREE
- SHORT WALK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
S1 CUT-OFF Channel DI-CHB-S1CO (S1CO) 96" Aluminum For 12mm Tape Lights or smaller https://qrco.de/bfmbtX	Height (H): 0.24 in. Width (W): 0.63 in. Interior Depth (ID): 0.23 in. Interior Width (IW): 0.48 in. Recessed Wing (RW): 0.3 in. 	96 in. channel & lens 4x rotating mounting clips End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.24 x 0.63 in. (H x W) S1 Rotating Mount: 1.24 x 1.3 in. (H x W)
MUD-IN 0.5 IN. Channel DI-CPCHB-MUDO.5 (MUDO.5) 96" Aluminum For 8mm Tape Lights or smaller https://qrco.de/bfmbuh	Height (H): 0.55 in. Width (W): 2.14 in. Interior Depth (ID): 0.44 in. Interior Width (IW): 0.39 in. Recessed Wing (RW): 0.51 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.55 x 2.14 in. (H x W)
MUD-IN 0.5 IN. WALL REVEAL Channel DI-CPCHB-MUD1-WREV (MUDO.5-WREV) 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bfm3fR	Height (H): 1.37 in. Width (W): 1.93 in. Interior Depth (ID): 0.42 in. Interior Width (IW): 0.44 in. Recessed Wing (RW): 0.65 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 1.37 x 1.93 in. (H x W)
MUD-IN 1 IN. Channel DI-CPCHB-MUD1 (M11) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwnz	Height (H): 0.54 in. Width (W): 2.42 in. Interior Depth (ID): 0.44 in. Interior Width (IW): 0.81 in. Recessed Wing (RW): 1.19 in. 	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	• 8mm Terminal Block (clear) • Streamlite Connector	Opal Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K Opal Lens • Light Loss: 55% • CCT Shift: -200K	 Recessed Mount: 0.54 x 2.42 in. (H x W)
MUD-IN SINGLE FLANGE Channel DI-CPCHB-MUD1-SF (MUD1-SF) 96" Aluminum https://qrco.de/bfmbss	Height (H): 0.57 in. Width (W): 1.47 in. Interior Depth (ID): 0.46 in. Interior Width (IW): 0.57 in. Recessed Wing (RW): 0.84 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• 8mm Terminal Block (clear)	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.57 x 1.47 in. (H x W)

RECOMMENDED CHANNELS

For additional information visit:

<https://qrco.de/bfyiau>



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

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- S1 CUT-OFF
- MUD-IN 0.5 IN.
- MUD-IN 1 IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 0.5 IN. WALL REVEAL
- MUD-IN 1 IN. WALL REVEAL
- FLEXIBLE MUD-IN

- MUD-IN 2 IN. RECESSED
- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED 20-DEGREE
- SHORT KALOVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
MUD-IN 1 IN. WALL REVEAL Channel DI-CPCHB-MUD1-WREV (MUD1-WREV) 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bfmbns		96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	
FLEXIBLE MUD-IN Channel DI-CPCHB-MUDFLX (MUDFLX) 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bfmbsh		96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Frosted Silicone Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Frosted Silicone Lens • Light Loss: 20% • CCT Shift: -40K	
MUD-IN 2 IN. Channel DI-CPCHB-MUD2 (M2) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwpv		96 in. channel & opal lens 2x surface mounting clips End caps: 2x open, 2x closed.	• 8mm Terminal Block (clear) • Streamlite Connector	Opal Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Opal Lens • Light Loss: 55% • CCT Shift: -200K	
RECESSED Channel DI-CPCHB-REC (REC) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwxh		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, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	
SLIM RECESSED Channel DI-CPCHB-SLR (SLR) 48", 96" Aluminum https://qrco.de/bdlwyk		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, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	

RECOMMENDED CHANNELS

For additional information visit:

<https://qrco.de/bfyiau>

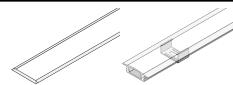


- S1
- S2
- S45
- A1
- A2
- A3
- SLIM
- 16MM
- 20MM ROUND
- 20MM SQUARE
- SQUARE

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- S1 CUT-OFF
- MUD-IN 0.5 IN.
- MUD-IN 1IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 0.5 IN. WALL REVEAL
- FLEXIBLE MUD-IN

- MUD-IN 2 IN.
- RECESSED
- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED 20-DEGREE
- SHORT KICK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
SHORT RECESSED Channel DI-CPCHB-SHREC (SHREC) 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bfmbsv	Height (H): 0.31 in. Width (W): 0.98 in. Interior Depth (ID): 0.21 in. Interior Width (IW): 0.46 in. Recessed Wing (RW): 0.69 in. 	96 in. channel & lens 4x mounting clips End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	<ul style="list-style-type: none"> • Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.31 x 0.98 in. (H x W) Mounting Clip: 0.31 x 0.98 in. (H x W)
RECESSED 45-DEGREE Channel DI-CPCHB-45REC (45REC) 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bfmbt8	Height (H): 0.57 in. Width (W): 1.26 in. Interior Depth (ID): 0.19 in. Interior Width (IW): 0.42 in. Recessed Wing (RW): 1.11 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	<ul style="list-style-type: none"> • Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.57 x 1.26 in. (H x W)
RECESSED 20-DEGREE Channel DI-CPCHB-AREC (AREC) 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bfmbtM	Height (H): 0.46 in. Width (W): 0.78 in. Interior Depth (ID): 0.23 in. Interior Width (IW): 0.4 in. Recessed Wing (RW): 0.67 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	<ul style="list-style-type: none"> • 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)
SHORT WALK-OVER Channel DI-CPCHB-SWO (SWO) 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bfmbuE	Height (H): 0.44 in. Width (W): 1.06 in. Interior Depth (ID): 0.27 in. Interior Width (IW): 0.46 in. Recessed Wing (RW): 0.87 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	<ul style="list-style-type: none"> • 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)
WALK-OVER Channel DI-CPCHB-WO (WO) 96" Aluminum https://qrco.de/bg1V0p	Height (H): 1.05 in. Width (W): 0.84 in. Interior Depth (ID): 0.79 in. Interior Width (IW): 0.46 in. Recessed Wing (RW): 0.84 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	<ul style="list-style-type: none"> • 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)

RECOMMENDED CHANNELS

For additional information visit:

<https://qrco.de/bfylau>



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

- 45°
- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
- S1 CUT-OFF
- MUD-IN 0.5 IN.
- MUD-IN 1IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 0.5 IN. WALL REVEAL
- FLEXIBLE MUD-IN

- MUD-IN 2 IN.
- RECESSED
- SLIM RECESSED
- SHORT RECESSED
- RECESSED 45-DEGREE
- RECESSED 20-DEGREE
- SHORT WALK-OVER
- WALK-OVER
- SCONCE
- GRAZER
- WAVEFORM



MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
SCONCE Channel DI-CPCHB-SCNC (SCNC) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlweq		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, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	
GRAZER Channel DI-CPCHB-GZRN (GZR) 48", 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bdlweE		Height (H): 0.69 in. Width (W): 0.62 in. Interior Depth (ID): 0.45 in. Interior Width (IW): 0.42 in. Cut Out (CO): 0.47 in. 48 in. channel & clear matte optic lens 96 in. channel & clear matte optic lens	• Soldered Lead Only	Clear Matte Optics Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 24° • IP Rating Shift: IP20	
WAVEFORM Channel DI-CPCHB-WF (WF) 48" Aluminum For 12mm Tape Lights or smaller https://qrco.de/bdlwn0		Height (H): 0.3 in. Width (W): 0.71 in. Interior Depth (ID): 0.25 in. Interior Width (IW): 0.49 in. Cut Out (CO): 0.2 in. 48 in. channel & frosted lens 2x surface mounting clips End caps: 1x open, 1x closed.	• Soldered Lead Only	Classic Frosted Lens STMLT, STMLT1, STMLT2, STMLT4: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	

RECOMMENDED POWER SUPPLIES

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

- OMNIDRIVE X
- VLM
- 0-10V
- OMNIDRIVE
- SWITCHEX+ R1

OMNIDRIVE® X DIMMABLE DRIVER

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

For additional information visit:

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

SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-ODX-24V120W-J	Dimmable 8.66 x 3.1 x 1.57 in.	120-277VAC, 50/60Hz	24V / 120W	None
DI-ODX-24V200W-J	Dimmable 10.24 x 4.13 x 1.77 in.	120-277VAC, 50/60Hz	24V / 200W	None
DI-ODX-24V30W	Class 2, Dimmable 6.1 x 2.1 x 0.8 in.	120-277VAC, 50/60Hz	24V / 30W	None
DI-ODX-24V30W-J	Class 2, Dimmable 6.5 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 30W	None
DI-ODX-24V60W	Class 2, Dimmable 7 x 2.4 x 1 in.	120-277VAC, 50/60Hz	24V / 60W	None
DI-ODX-24V60W-J	Class 2, Dimmable 7.4 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 60W	None
DI-ODX-24V96W	Class 2, Dimmable 9 x 2.7 x 1.7 in.	120-277VAC, 50/60Hz	24V / 96W	None
DI-ODX-24V96W-J	Class 2, Dimmable 8.66 x 3.7 x 1.57 in.	120-277VAC, 50/60Hz	24V / 96W	None
DI-AWNAUX-ODX-24V96W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	120-277V	24V / 96W	None
DI-AWNAUX-ODX-24V60W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	120-277V	24V / 60W	None
DI-AWNAUX-ODX-24V30W-LPS3R	Class 2, Dimmable 10.79 x 7.34 x 2.36 in.	120-277V	24V / 30W	None
DI-AWN-ODX-24V96W-J	Class 2, Dimmable 8.66 x 3.7 x 1.57 in.	120-277V	24V / 96W	None
DI-AWN-ODX-24V60W-J	Class 2, Dimmable 7.4 x 3.7 x 1.57 in.	120-277V	24V / 60W	None
DI-AWN-ODX-24V30W-J	Class 2, Dimmable 6.5 x 3.7 x 1.57 in.	120-277V	24V / 30W	None



VLM SERIES CONSTANT VOLTAGE DRIVER

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

For additional information visit:

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



SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
VLM100W-24	Class 2 5.38 x 1.07 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM100W-24-LPM	Class 2 8.19 x 2.94 x 1.31 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM100W-24-LPS	Class 2 11.25 x 3.75 x 1.9 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM100W-24-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	120 / 277VAC 47 - 63Hz	24V / 96W	None
VLM200W-24-LPL	Class 2 13.5 x 4.5 x 2.38 in.	120 / 277VAC 47 - 63Hz	24V / 100W (X2)	None
VLM60W-24	Class 2 5.1 x 0.75 x 0.77 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None
VLM60W-24-LPM	Class 2 8.19 x 2.94 x 1.31 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None
VLM60W-24-LPS	Class 2 11.25 x 3.75 x 1.9 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None
VLM60W-24-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	120 / 277VAC 47 - 63Hz	24V / 60W	None

0-10V DIMMABLE LED DRIVER

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

For additional information visit:

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



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

RECOMMENDED POWER SUPPLIES

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

- OMNIDRIVE X
- VLM
- 0-10V
- OMNIDRIVE
- SWITCHEX+ R1

OMNIDRIVE® ELECTRONIC DIMMABLE DRIVER

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

For additional information visit:

<https://www.diodeled.com/omnidrive-dimmable-drivers.html>



SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-TD-24V-10W	Class 2, Dimmable 5.7 x 2.1 x 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 x 3.75 x 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 x 7.34 x 2.36 in.	90~135VAC at ~50/60Hz	24V / 10W	Load at least 60% labeled load
DI-TD-24V-120W	Dimmable x x in.	90~135VAC at ~50/60Hz	24V / 120W	Load at least 60% labeled load
DI-TD-24V-20W	Class 2, Dimmable 5.7 x 2.1 x 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 x 3.75 x 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 x 7.34 x 2.36 in.	90~135VAC at ~50/60Hz	24V / 20W	Load at least 60% labeled load
DI-TD-24V-30W	Class 2, Dimmable 7 x 2.3 x 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 x 3.75 x 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 x 7.34 x 2.36 in.	90~135VAC at ~50/60Hz	24V / 30W	Load at least 60% labeled load
DI-TD-24V-45W	Class 2, Dimmable 7 x 2.3 x 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 x 4.5 x 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 x 7.34 x 2.36 in.	90~135VAC at ~50/60Hz	24V / 45W	Load at least 60% labeled load
DI-TD-24V-60W	Class 2 7.9 x 2.7 x 1.8 in.	90 ~ 135VAC 50/60Hz	24V / 60W	Load at least 60% labeled load
DI-TD-24V-60W-LPL	Class 2 13.5 x 4.5 x 2.38 in.	90 ~ 135VAC 50/60Hz	24V / 60W	Load at least 60% labeled load
DI-TD-24V-60W-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 135VAC 50/60Hz	24V / 60W	Load at least 60% labeled load
DI-TD-24V-80W	Class 2 7.9 x 2.7 x 1.8 in.	90 ~ 135VAC 50/60Hz	24V / 80W	Load at least 60% labeled load
DI-TD-24V-80W-LPL	Class 2 13.5 x 4.5 x 2.38 in.	90 ~ 135VAC 50/60Hz	24V / 80W	Load at least 60% labeled load
DI-TD-24V-80W-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 135VAC 50/60Hz	24V / 80W	Load at least 60% labeled load
DI-TD-24V-96W	Class 2 7.9 x 2.7 x 1.8 in.	90 ~ 135VAC 50/60Hz	24V / 96W	Load at least 60% labeled load
DI-TD-24V-96W-LPL	Class 2 13.5 x 4.5 x 2.38 in.	90 ~ 135VAC 50/60Hz	24V / 96W	Load at least 60% labeled load
DI-TD-24V-96W-LPS3R	Class 2 10.79 x 7.34 x 2.36 in.	90 ~ 135VAC 50/60Hz	24V / 96W	Load at least 60% labeled load

SWITCHEX®+ R1 DRIVER & DIMMER SWITCH

Revolutionize your low-voltage LED lighting setup with SWITCHEX+ R1, a patented innovation that seamlessly merges a low-voltage power supply with a dimmer switch into one compact solution.

For additional information visit:

<https://info.diodeled.com/switchex+>



SKU	GENERAL SPECS	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE & MAXIMUM LOAD	MINIMUM LOAD
DI-SXR1-24V60W	Class 2 1.75 x 2.125 x 4.125 in.	120VAC 50/60Hz	24V / 60W	Recommended: 5% Minimum
DI-SXR1-24V96W	Class 2 1.75 x 2.125 x 4.125 in.	120VAC 50/60Hz	24V / 96W	Recommended: 5% Minimum

RECOMMENDED CONTROLLERS

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

CASAMBI® CONTROLLERS

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

For additional information visit:

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



SKU	DESCRIPTION
CBU-A2D	CASAMBI A2D 2 Channel 0-10V/DALI Controller
CBU-ASR	CASAMBI ASR 0-10V Controller
CBU-PWM4	CASAMBI PWM4 Single Color Dimming Controller
DI-CBU-PWM5-PRO	Casambi CBU-PWM5-Pro RGB/W/WW Applications, 5 x PWM for constant voltage lights, 4 amps/CH max

TOUCHDIAL™ CONTROL SYSTEMS

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

For additional information visit:

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



SKU	DESCRIPTION
DI-RF-REC-CV-A	TOUCHDIAL Color Control System - WiFi Receiver
DI-RF-REC-CV-SC	TOUCHDIAL Mini Receiver - Single Channel and Zone
DI-RF-REM-DIM-1	TOUCHDIAL Mini Remote - Single Zone
DI-RF-REM-DIM-5	TOUCHDIAL Remote Dimmer 5-Zone Dimmer Control
DI-RF-REM-RGBW-1	TOUCHDIAL Mini Remote RGB(W) - Single Zone
DI-RF-REM-RGBW-4	TOUCHDIAL Color Control System - RGB/RGBW 4-Zone Remote Controller
DI-RF-REM-TW-4	TOUCHDIAL Color Control System - Tunable White 4-Zone Remote Controller
DI-RF-WMT-DIM	TOUCHDIAL Wall Dimmer - Single Zone
DI-RF-WMT-RGBW	TOUCHDIAL RGB(W) Wall Control - Single Zone
DI-RF-WPD-DIM-1	TOUCHDIAL Paddle Dimmer - Single Zone
DI-RF-WPD-DIM-2	TOUCHDIAL Paddle Dimmer - Two Zone
DI-WIFI-RF-TRMS	TOUCHDIAL Color Control System - WiFi Hub
DI-RF-REM-TW3-4	TOUCHDIAL Color Control System, 3-Anchor Tunable White 4-Zone Remote Controller

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

- Install in accordance with national and local electrical code regulations.
- This product is intended to be installed and serviced by a qualified, licensed electrician.
- Only use copper wiring. Use wires rated for at least 176°F (80°C) and certified for use with external connection of electrical equipment.
- Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.
- 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.
- 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.
- 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.
- Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.
- Do not install in environment where excessive heat may exist (ex. close proximity to fireplace, etc.) See Ambient Temperature ratings
- 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.
- Do not modify product beyond instructions or warranty will be void.
- Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
- Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.

LIMITED WARRANTY

- 10 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 in-field 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.