

STREAMLITE™ Warm Dim LED Tape Light

Diffused tape light that is designed to produce a warming glow as it dims, offering a dynamic dimming experience ranging from 3000K down to 1800K.

Date _____

Project Notes _____



FEATURES

- 90+ CRI
- Up to 250 Lm/ft.
- 3.6 W/ft.
- 20 ft. Max. Run
- 10 Year Limited Warranty



ORDERING CODES

Order spools, and components for field assembly

HYBRID ORDERING CODE (OPTIONAL)

Soldered Wire Lead and Connection Options

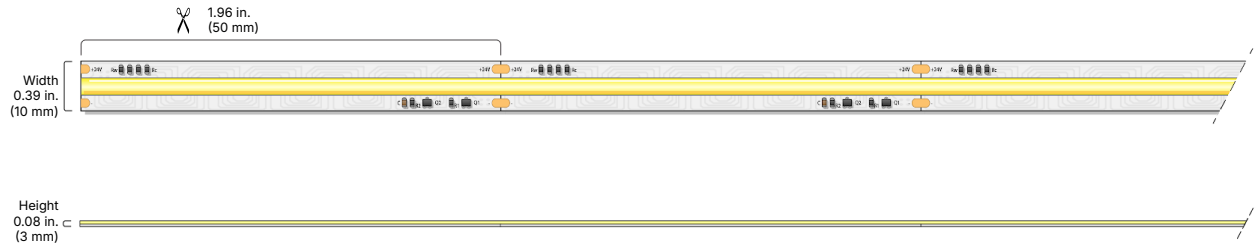
	Voltage	Model	Color	Length	Input Wire Color, Length, and Connection			Output Wire Color, Length, and Connection		
DI										
	24V (24V Volt)	STMLT	WD3018 (WD3018)	016 (16 feet) CSTM_ (__in.)	Color & Type WH (White CL2 - Default) BL (Black CL2) SV (Silver Plenum - Bare Lead only)	Length 36l (36 in. - Default) __ in.	Connection BW (Bare Wire - Default) DC (Barrel) MIC (Interconnect)	Color & Type WH (White CL2) BL (Black CL2) SV (Silver Plenum - Bare Lead only)	Length *blank* (No Wire - Default) __ in.	Connection BW (Bare Wire - Default) DC (Barrel) MIC (Interconnect)

GENERAL SPECIFICATIONS (ALL MODELS)

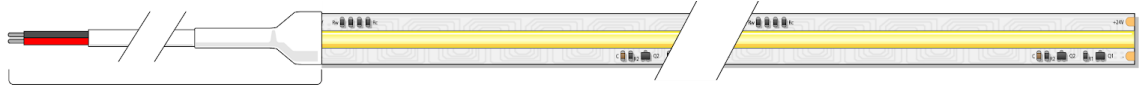
Voltage	24VDC
Wattage	3.6W/ft.
1800K-3000K	250 Lm/ft.
Cut Points	1.96 in.
Dimmable	Yes
Max Run (ft.)	20 ft.
CRI	90+
Dimensions	0.39 x 0.08 in. (W x H)
TM-21 (LM-80)	>50,000 hours
Environment	Indoor / Damp Location (IP20)
Lead Wire A	36 in. White Bare Lead 20/2AWG UL 2464 Wire with Strain Relief
LED Chips	170/ft.
Certification	UL Listed 2108
Limited Warranty	10 Year Limited Warranty

MECHANICAL DIAGRAMS

24V-STMLT-WD3018



CONNECTIONS



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

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
- 20MM ROUND
- 20MM SQUARE
- SQUARE

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

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



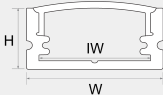
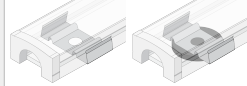
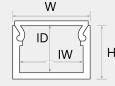
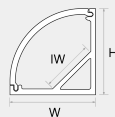
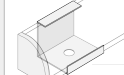
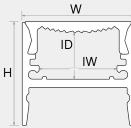
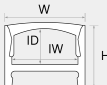
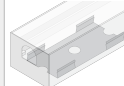
RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
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.	• Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 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	• Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 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): 0.75 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	• Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 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 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 96 in. channel & lens 4x surface mounting clips End caps: 2x open, 2x closed, 2x slotted	• Soldered Lead Only	Architectural Frosted Lens STMLT: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Architectural Frosted Lens • Light Loss: 30% • CCT Shift: -35K	 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/bf6nFO	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 & 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: Dotless Architectural Frosted Lens STMLT: Dotless For diffusion options not listed, refer to A2 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 Architectural Frosted Satin Lens • Light Loss: 45% • CCT Shift: -80K Regress Lens • Light Loss: 30% • CCT Shift: -35K	 U-Clip: 0.56 x 0.64 in. (H x W)

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- 20MM ROUND
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- SQUARE

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- 45° DECO
- 90° SIDEVIEW
- REFLECTOR
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- ST CUT-OFF
- MUD-IN 1 IN.
- MUD-IN SINGLE FLANGE
- MUD-IN 1 IN. WALL REVEAL
- MUD-IN 2 IN.
- RECESSED

- SLIM RECESSED
- SHORT RECESSED
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- RECESSED ANGLE
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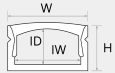
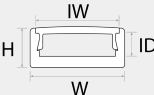
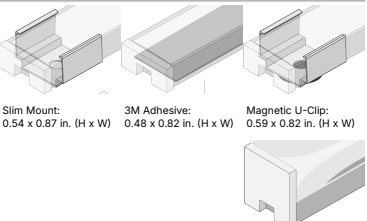
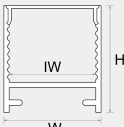
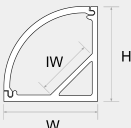
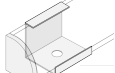
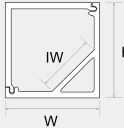
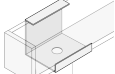
RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

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	Height (H): 0.39 in. Width (W): 0.63 in. Interior Depth (ID): 0.33 in. Interior Width (IW): 0.48 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	Architectural Frosted Satin Lens STMLT: Dotless Architectural Frosted Lens STMLT: Dotless For diffusion options not listed, refer to A3 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 - Architectural Frosted Satin Lens • Light Loss: 45% • CCT Shift: -80K - Regress Lens • Light Loss: 30% • CCT Shift: -35K	 U-Clip: 0.4 x 0.64 in. (H x W)
SLIM Channel DI-CPCHB-SL (SL) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller https://qrco.de/bdlw5m	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	• Soldered Lead Only	Architectural Frosted Lens STMLT: Dotless Premium Diffusion Lens STMLT: 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/bdlwdD	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.	• Soldered Lead Only	Architectural Frosted Lens STMLT: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 - Architectural Frosted Lens • Light Loss: 30% • CCT Shift: -35K	 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/bdlwt	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.	• Soldered Lead Only	Classic Frosted Lens STMLT: 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/bdlwiN	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.	• Soldered Lead Only	Classic Frosted Lens STMLT: 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

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- S1
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- SQUARE

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

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



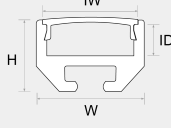
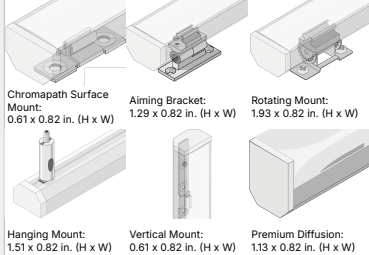
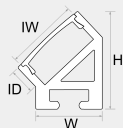
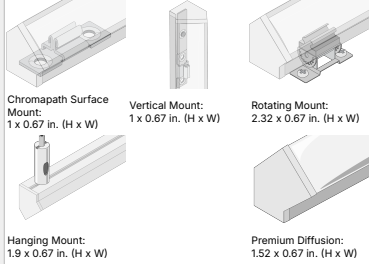
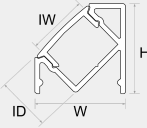
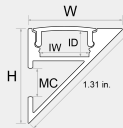
RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

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 & 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 Lens STMLT: Dotless Premium Diffusion Lens STMLT: 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 & 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 Lens STMLT: Dotless Premium Diffusion Lens STMLT: 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: 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/bdlwvU		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: 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.	• Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	

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- MUD-IN 1 IN.
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- MUD-IN 2 IN.
- RECESSED

- SLIM RECESSED
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- RECESSED ANGLE
- SHORT WALK-OVER
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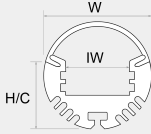
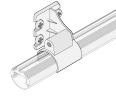
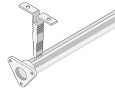
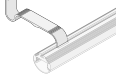
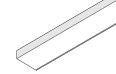
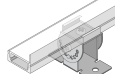
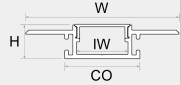
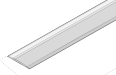
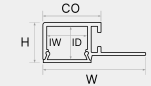
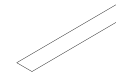
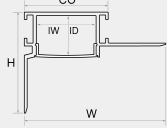
RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
ROD Channel DI-CPCHB-RDCL (ROD) 48", 96" Aluminum For 12mm Tape Lights or smaller https://qrco.de/bdlwtP	Height (H): 0.95 in. Width (W): 0.95 in. Interior Depth (ID): 0.5 in. Interior Width (IW): 0.48 in. Cut Out (CO): 0.72 in. 	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	• Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 180° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Rotating Mount: 2.33 x 0.95 in. (H x W)  Closet Mount: 1.28 x 3.25 in. (H x W)  Art Lighting Arm: 2.72 x 10.15 in. (H x W)  Wall Arm: 4.5 x 2.15 in. (H x W)
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: 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 1 IN. Channel DI-CPCHB-MUD1 (M1) 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	• Soldered Lead Only	Opal Lens STMLT: 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 For 14mm Tape Lights or smaller https://qrco.de/bfmbS	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	• Soldered Lead Only	Classic Frosted Lens STMLT: 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)
MUD-IN 1 IN. WALL REVEAL Channel DI-CPCHB-MUD1-WREV (MUD1-WREV) 96" Aluminum https://qrco.de/bfmbSn	Height (H): 1.37 in. Width (W): 1.93 in. Interior Depth (ID): 0.51 in. Interior Width (IW): 0.79 in. Recessed Wing (RW): 1.16 in. 	96 in. channel & lens End caps: 2x open, 2x closed	• Soldered Lead Only	Classic Frosted Lens STMLT: 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)

RECOMMENDED CHANNELS

For additional information visit:

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



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

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

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



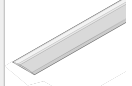
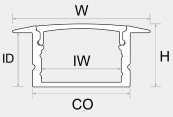
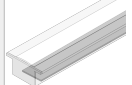
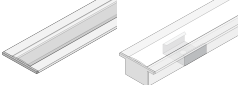
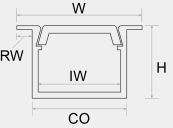
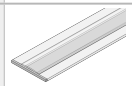
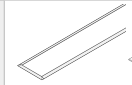
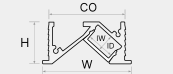
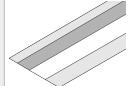
RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
MUD-IN 2 IN. Channel DI-CPCHB-MUD2 (MI2) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwpy	Height (H): 0.8 in. Width (W): 3.86 in. Interior Depth (ID): 0.69 in. Interior Width (IW): 1.84 in. Recessed Wing (RW): 1.97 in. 	96 in. channel & opal lens 2x surface mounting clips End caps: 2x open, 2x closed.	• Soldered Lead Only	Opal Lens STMLT: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Opal Lens • Light Loss: 55% • CCT Shift: -200K	 Recessed Mount: 0.8 x 3.86 in. (H x W)
RECESSED Channel DI-CPCHB-REC (REC) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwXH	Height (H): 0.49 in. Width (W): 1.03 in. Interior Depth (ID): 0.42 in. Interior Width (IW): 0.59 in. Recessed Wing (RW): 0.74 in. Mounting Canal (MC): 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.	• Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.49 x 1.03 in. (H x W)  Mounting Clip: 0.49 x 1.03 in. (H x W)
SLIM RECESSED Channel DI-CPCHB-SLR (SLR) 48", 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bdlwYE	Height (H): 0.38 in. Width (W): 0.65 in. Interior Depth (ID): 0.28 in. Interior Width (IW): 0.4 in. Recessed Wing (RW): 0.49 in. Mounting Canal (MC): 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	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.38 x 0.65 in. (H x W)
SHORT RECESSED Channel DI-CPCHB-SHREC (SHREC) 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bfmbvX	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: Dotless	• 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 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: Dotless	• 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)

RECOMMENDED CHANNELS

For additional information visit:

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



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

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

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



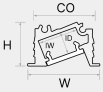
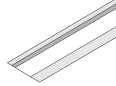
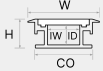
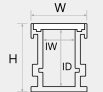
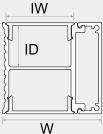
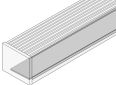
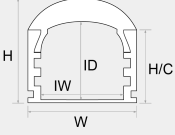
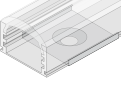
RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
RECESSED ANGLE Channel DI-CPCHB-AREC (AREC) 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bfmbtM	Height (H): 0.46 in. Width (W): 0.75 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: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 Recessed Mount: 0.46 x 0.75 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: 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)
WALK-OVER Channel DI-CPCHB-WO (WO) 96" Aluminum For 10mm Tape Lights or smaller https://qrco.de/bqIVOp	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: 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)
SCONCE Channel DI-CPCHB-SCNC (SCNC) 48", 96" Aluminum For 14mm Tape Lights or smaller https://qrco.de/bdlwqC	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.	• Soldered Lead Only	Classic Frosted Lens STMLT: 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)
GRAZER Channel DI-CPCHB-GZRN (GZR) 48", 96" Aluminum https://qrco.de/bdlwC	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: 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
- 20MM ROUND
- 20MM SQUARE
- SQUARE

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

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



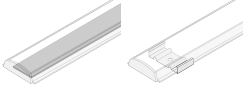
RUNWAY DIFFUSION



SEMI-DIFFUSED



DOTLESS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
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: Dotless	• Beam Angle: 120° • IP Rating Shift: IP20 Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K	 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
- OMNIDRIVE
- 0-10V

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 3.7 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

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

RECOMMENDED POWER SUPPLIES

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

- OMNIDRIVE X
- OMNIDRIVE
- 0-10V

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 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

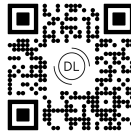
DECODER CONTROL SYSTEM

Decoders used to translate a DMX signal into the PWM control signal for our color changing LEDs.

SKU	DESCRIPTION
DI-DMX-DEC-5	DMX512 5-Channel Decoder with RDM and Digital Display, controls LED TW, RGB, RGBW and RGBWW lighting fixtures
DI-DMX-DEC-25	DMX512 25-Channel Decoder with RDM and Digital Display, controls LED TW, RGB, RGBW and RGBWW lighting fixtures
DI-DALI2-REC-5W	DALI DT8/DALI2 5-Channel Decoder for TW, RGB(W), RGBWW Controls

NICOLAUDIE DMX LED CONTROLLERS

Store up to 500 scenes across 10 separate zones with a full-color display.



For additional information visit:

<https://www.diodeled.com/advancedsearch/result?q=Nicolaudie>

SKU	DESCRIPTION
DI-DMX-DE3	Nicolaudie STICK-DE3 DMX LED Controller
DI-DMX-ESA	Nicolaudie Easy Stand Alone DMX LED Color Controller - 5k Memory
DI-DMX-KE2	Nicolaudie STICK 1 Wall Mount DMX LED Controller - KE2

OTHER COLOR CONTROL SYSTEMS

DMX Color Control Systems

SKU	DESCRIPTION
DI-0820	DMX Wireless Transmitter/Receiver- Female
DI-0821	DMX Wireless Transmitter/Receiver- Male
DI-1810	DMX512 4-Channel Decoder with Digital Display controls LED RGB and RGBW lighting fixtures
DI-CS-ILC100M	Converging Systems ILC-100M STATIC LED DIMMING CONTROLLER - For use with E-NODE 4000

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.

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 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.