

STREAMLITE™ WARM DIM 24V 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
- 7 Year Warranty



ORDERING CODES

Order spools, and components for field assembly

OPTIONAL ORDERING CODES

Add Assembly Preferences, Finish, Lens, Mounting, Driver, and Delivery

	Voltage	Model	CCT	Length	Channels				Finish	Lens	Mounting	Driver	Delivery
DI													
	24V (24V Volt)	STMLT	WD3018 (1800K-3000K)	016 (16 feet)	A1 (A1)	16 (16mm Square)	90 (90° Sideview)	S2 (S2)	AL (Aluminum)	*blank* (Classic Frosted Lens)	3M (3M Adhesive)	ELV (Electronic)	Field Assembly Factory + Field (Hybrid)
					A2 (A2)	RC20 (20mm Round)	REC (Recessed)	S45 (S45)	BL (Black)	AFS (Arch. Frosted Satin Lens)	MC (Mounting Clip)	010 (0-10V)	Factory Assembly
					A3 (A3)	SQ20 (20mm Square)	REF (Reflector)	SL (Slim)	WH (White)	BL (Black Lens)	RC (Rotating Clip)	PoE (Power over Ethernet)	
					MI1 (1-inch Mud-In)	45 (45°)	ROD (Rod)	SQ (Square)		CLT (Arch. Clear Lens)	CHN (Mounting Channel)		
					MI2 (2-inch Mud-In)	45DCO (45° Deco)	S1 (S1)	WF (Waveform)		FRT (Arch. Frosted Lens)			
										OPT (Opal Lens)			
										PD (Prem. Diffusion Lens)			
					*See page 2 for Channel / Lens / Mounting compatibility								

STREAMLITE™ WARM DIM - SPECIFICATION TABLE

Models	24V-STMLT-WD3018
Voltage	24VDC
Wattage	3.6W/ft.
Lumens 1800K-3000K	250 Lm/ft.
Cut Points	2 in.
Max Run (ft.)	20 ft.
CRI	90+
Dimensions	0.39 × 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
Warranty	7 Year

STREAMLITE™ WARM DIM 24V 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 _____



CHANNEL / LENS / MOUNTING COMPATIBILITY

Channel	Compatible Lenses	Available Finishes	Mounting Options
A1 (A1)	FRT	AL / WH / BL	UC
A2 (A2)	CLT / FRT / AFS	AL / WH / BL	UC
A3 (A3)	CLT / FRT / AFS	AL / WH / BL	UC
MI1 (1-inch Mud-In)	OPT	AL	
MI2 (2-inch Mud-In)	OPT	AL	
16 (16mm Square)	FRT	AL	MC
RC20 (20mm Round)	*blank*	AL	UC
SQ20 (20mm Square)	*blank*	AL	UC
45 (45°)	*blank* / CLT / FRT / BL / PD	AL / WH / BL	MC / VC / RC / HNG
45DCO (45° Deco)	*blank*	AL	MC
90 (90° Sideview)	*blank*	AL	MC
REC (Recessed)	*blank*	AL	3M
REF (Reflector)	*blank*	AL	
ROD (Rod)	*blank*	AL	RC / CLO / ART / ARM
S1 (S1)	*blank*	AL	UC
S2 (S2)	*blank*	AL	UC
S45 (S45)	*blank*	AL	UC
SL (Slim)	*blank* / CLT / FRT / BL / PD	AL / WH / BL	MC / 3M / MAG
SQ (Square)	*blank* / CLT / FRT / BL / PD	AL / WH / BL	MC / VC / RC / HNG
WF (Waveform)	*blank*	AL	3M / UC

LEGEND

Lens		Finish		Mounting	
blank	Classic Frosted Lens	AL	Aluminum	3M	3M Adhesive
AFS	Architectural Frosted Satin Lens	WH	White	ARM	Wall Arm
BL	Black Lens	BL	Black	ART	Art Lighting Arm
CLT	Architectural Clear Lens			CLO	Closet Mount
FRT	Architectural Frosted Lens			HNG	Hanging Hardware
OPT	Opal Lens			MAG	Magnetic Clip
PD	Premium Diffusion Lens			MC	Mounting Clip
				RC	Rotating Clip
				UC	U-Clip
				VC	Vertical Clip

STREAMLITE™ WARM DIM 24V

LED Tape Light

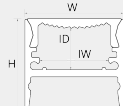
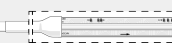



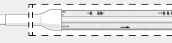

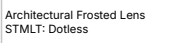
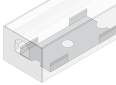
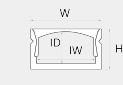
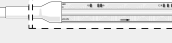


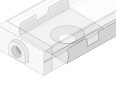
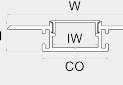



Diffused tape light that is designed to produce a warming glow as it dims, offering a dynamic dimming experience ranging from 3000K down to 1800K.

Date _____

Project Notes _____



RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
A1 Channel DI-CHB-A1 (A1) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller		48" Aluminum, Black, & White Channels • 48 in. channel & lens • 2x surface mounting clips • 1 retaining clip • End caps: 1x open, 1x closed. 96" Aluminum, Black, & White Channels • 96 in. channel & lens • 4x surface mounting clips • 2x strain relief clip • End caps: 2x open, 2x closed, 2x slotted	 10mm Tape Light: Soldered Lead Only	 Architectural Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	• Beam Angle: 120° • Architectural Frosted Lens • Light Loss: 30% • CCT Shift: -35K • IP Rating Shift: IP40	 U-Clip: 0.82 × 0.88 in. (H x W)
A2 Channel DI-CHB-A2 (A2) 48", 96" Aluminum, White, Black For 12mm Tape Lights or smaller		48" Aluminum, Black, & White Channels • 48 in. channel & lens • 2x surface mounting clips • End caps: 1x open, 1x closed. 96" Aluminum, Black, & White Channels • 96 in. channel & lens • 4x surface mounting clips • End caps: 2x open, 2x closed.	 10mm Tape Light: Soldered Lead Only	 Architectural Frosted Satin Lens STREAMLITE™ WARM DIM - STMLT: Dotless  Architectural Frosted Lens STMLT: Dotless For diffusion options not listed, refer to A2 Channel Specification Sheet.	• Beam Angle: 120° • Architectural Clear Lens • Light Loss: 30% • CCT Shift: -20K • Architectural Frosted Lens • Light Loss: 30% • CCT Shift: -35K • Architectural Frosted Satin Lens • Light Loss: 45% • CCT Shift: -80K • IP Rating Shift: IP40	 U-Clip: 0.56 × 0.64 in. (H x W)
A3 Channel DI-CHB-A3 (A3) 48", 96" Aluminum, White, Black For 12mm Tape Lights or smaller		48" Aluminum, Black, & White Channels • 48 in. channel & lens • 2x surface mounting clips • End caps: 1x open, 1x closed. 96" Aluminum, Black, & White Channels • 96 in. channel & lens • 4x surface mounting clips • End caps: 2x open, 2x closed.	 10mm Tape Light: Soldered Lead Only	 Architectural Frosted Satin Lens STREAMLITE™ WARM DIM - STMLT: Dotless  Architectural Frosted Lens STMLT: Dotless For diffusion options not listed, refer to A3 Channel Specification Sheet.	• Beam Angle: 120° • 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 • IP Rating Shift: IP40	 U-Clip: 0.4 × 0.64 in. (H x W)
1-inch Mud-In Channel DI-CPCHB-MUD1 (M1) 48", 96" Aluminum For 14mm Tape Lights or smaller		96 in. channel & opal lens 2x end-to-end connectors End caps: 2x open, 2x closed.	 10mm Tape Light: Soldered Lead Only	 Opal Lens STREAMLITE™ WARM DIM - STMLT: Dotless	• Beam Angle: 120° • Opal Lens • Light Loss: 55% • CCT Shift: -200K • IP Rating Shift: IP40	 Recessed Mount: 0.54 × 2.42 in. (H x W)

STREAMLITE™ WARM DIM 24V

LED Tape Light

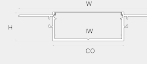

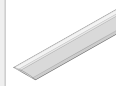

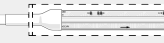
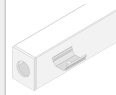
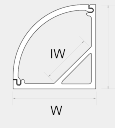

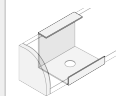


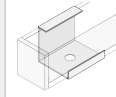
Diffused tape light that is designed to produce a warming glow as it dims, offering a dynamic dimming experience ranging from 3000K down to 1800K.

Date _____

Project Notes _____



RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
2-inch Mud-In Channel DI-CPCHB-MUD2 (MI2) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 0.8 in. Width (W): 3.86 in. Interior Depth (ID): 0.69 in. Interior Width (IW): 1.84 in. Cut Out Width (CO): 1.97 in. 	96 in. channel & opal lens 2x surface mounting clips End caps: 2x open, 2x closed.	 10mm Tape Light: Soldered Lead Only	Opal Lens STREAMLITE™ WARM DIM - STMLT: Dotless	<ul style="list-style-type: none"> Beam Angle: 120° Opal Lens Light Loss: 55% CCT Shift: -200K IP Rating Shift: IP40 	 Recessed Mount: 0.8 × 3.86 in. (H x W)
16mm Square Channel DI-CPCHB-16MM (16) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 0.89 in. Width (W): 0.77 in. Interior Depth (ID): 0.58 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.	 10mm Tape Light: Soldered Lead Only	Architectural Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	<ul style="list-style-type: none"> Beam Angle: 120° Architectural Frosted Lens Light Loss: 30% CCT Shift: -35K IP Rating Shift: IP40 	 Mounting Clip: 0.89 × 0.77 in. (H x W)
20mm Round Channel DI-CPCHB-RC20 (RC20) 48", 96" Aluminum For 14mm Tape Lights or smaller	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 & frosted lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & frosted lens 4x surface mounting clips End caps: 2x open, 2x closed.	 10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	<ul style="list-style-type: none"> Beam Angle: 180° Classic Frosted Lens Light Loss: 20% CCT Shift: -40K IP Rating Shift: IP40 	 U-Clip: 1.19 × 1.19 in. (H x W)
20mm Square Channel DI-CPCHB-SQC20 (SQ20) 48", 96" Aluminum For 14mm Tape Lights or smaller	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 & frosted lens 2x surface mounting clips End caps: 1x open, 1x closed. 96 in. channel & frosted lens 4x surface mounting clips End caps: 2x open, 2x closed.	 10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	<ul style="list-style-type: none"> Beam Angle: 180° Classic Frosted Lens Light Loss: 20% CCT Shift: -40K IP Rating Shift: IP40 	 U-Clip: 1.19 × 1.19 in. (H x W)

STREAMLITE™ WARM DIM 24V

LED Tape Light

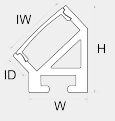


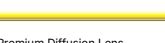
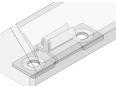

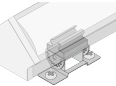
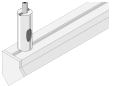

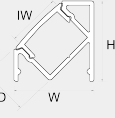
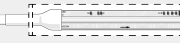

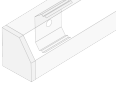
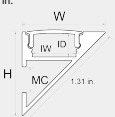


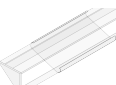
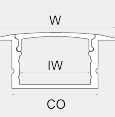


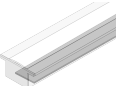
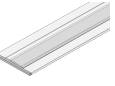
Diffused tape light that is designed to produce a warming glow as it dims, offering a dynamic dimming experience ranging from 3000K down to 1800K.

Date _____

Project Notes _____



RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
45° Channel DI-CPCHB-45 (45) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller		48" Aluminum, Black, & White Channels • 48 in. channel & clear, or frosted lens • 4x surface mounted clips • 2x End-to-end interconnects 96" Aluminum Channel • 96 in. channel & clear, or frosted lens • 8x surface mounted clips • 4x End-to-end interconnects 96" Black & White Channels • 96 in. channel & clear, or frosted lens • 4x surface mounted clips • 2x End-to-end interconnects	 10mm Tape Light: Soldered Lead Only	 Architectural Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless  Premium Diffusion Lens STMLT: Dotless For diffusion options not listed, refer to 45° Channel Specification Sheet.	• Beam Angle: 120° 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 Black Lens • Light Loss: 90% • CCT Shift: -350K Premium Diffusion Lens • Light Loss: 10% • CCT Shift: -30K • IP Rating Shift: IP40	 Chromapath Surface Mount: 1 × 0.67 in. (H x W)  Vertical Mount: 1 × 0.67 in. (H x W)  Rotating Mount: 1.68 × 0.67 in. (H x W)  Hanging Mount: 1.9 × 0.67 in. (H x W)  Premium Diffusion: 1.52 × 0.67 in. (H x W)
45° Deco Channel DI-CPCHB-45DCO (45DCO) 48", 96" Aluminum For 10mm Tape Lights or smaller		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.	 10mm Tape Light: Soldered Lead Only	 Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	• Beam Angle: 120° Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	 Mounting Clip: 0.73 × 0.73 in. (H x W)
90° Sideview Channel DI-CPCHB-90SD (90) 48", 96" Aluminum For 12mm Tape Lights or smaller		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.	 10mm Tape Light: Soldered Lead Only	 Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	• Beam Angle: 120° Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	 Mounting Clip: 0.92 × 0.92 in. (H x W)
Recessed Channel DI-CPCHB-REC (REC) 48", 96" Aluminum For 14mm Tape Lights or smaller		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.	 10mm Tape Light: Soldered Lead Only	 Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	• Beam Angle: 120° Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	 3M Adhesive: 0.59 × 1.03 in. (H x W)  Recessed Mount: 0.49 × 1.03 in. (H x W)

STREAMLITE™ WARM DIM 24V LED Tape Light

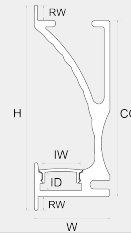
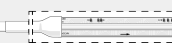
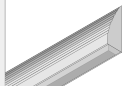

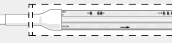
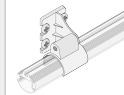



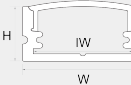

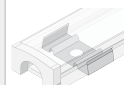

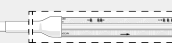
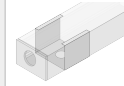
Diffused tape light that is designed to produce a warming glow as it dims, offering a dynamic dimming experience ranging from 3000K down to 1800K.

Date _____

Project Notes _____



RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
Reflector Channel DI-CPCHB-RFCTR (REF) 48", 96" Aluminum For 12mm Tape Lights or smaller	Height (H): 2.75 in. Width (W): 1 in. Interior Depth (ID): 0.29 in. Interior Width (IW): 0.54 in. Cut Out Width (CO): 2.35 in. Recessed Wing (RW): 0.2 in. 	48 in. channel & frosted cover End caps: 1x open, 1x closed. 96 in. channel & frosted cover End caps: 1x open, 1x closed.	 10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	<ul style="list-style-type: none"> Beam Angle: 120° Classic Frosted Lens Light Loss: 20% CCT Shift: -40K IP Rating Shift: IP40 	 Recessed Mount: 2.75 x 1 in. (H x W)
Rod Channel DI-CPCHB-RDCL (ROD) 48", 96" Aluminum For 12mm Tape Lights or smaller	Height (H): 0.95 in. Width (W): 0.95 in. Interior Depth (ID): 0.5 in. Interior Width (IW): 0.48 in. Height W/o Cover (H/C): 0.72 in. 	78.74 in. channel & frosted lens 1x open end-cap, 1x closed end-cap 4 x 180° swivel brackets 2x Closet Mounting Brackets 2x Support Brackets	 10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	<ul style="list-style-type: none"> Beam Angle: 180° Classic Frosted Lens Light Loss: 20% CCT Shift: -40K IP Rating Shift: IP40 	 Rotating Mount: 1.69 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 Channel DI-CHB-S1 (S1) 48", 90" Aluminum For 14mm Tape Lights or smaller	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.	 10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	<ul style="list-style-type: none"> Beam Angle: 120° Classic Frosted Lens Light Loss: 20% CCT Shift: -40K IP Rating Shift: IP40 	 U-Clip: 0.32 x 0.68 in. (H x W)
S2 Channel DI-CHB-S2 (S2) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 0.57 in. Width (W): 0.74 in. Interior Depth (ID): 0.34 in. Interior Width (IW): 0.63 in. 	48 in. Channel & Frosted Lens, 1 open end cap, 1 closed end cap, 2 mounting clips, 2 mounting screws 96 in. Channel & Frosted Lens, 2 open end cap, 2 closed end cap, 4 mounting clips, 4 mounting screws	 10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	<ul style="list-style-type: none"> Beam Angle: 120° Classic Frosted Lens Light Loss: 20% CCT Shift: -40K IP Rating Shift: IP40 	 U-Clip: 0.58 x 0.75 in. (H x W)

STREAMLITE™ WARM DIM 24V

LED Tape Light

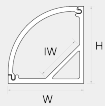
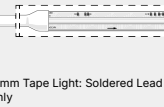
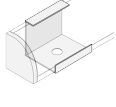
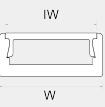
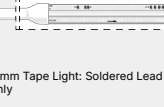
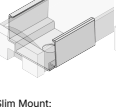
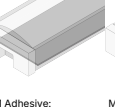
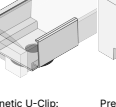
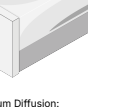

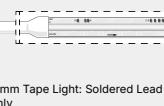
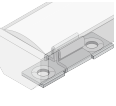

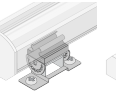
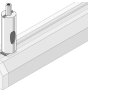
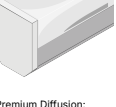

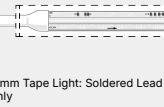


Diffused tape light that is designed to produce a warming glow as it dims, offering a dynamic dimming experience ranging from 3000K down to 1800K.

Date _____

Project Notes _____



RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
S45 Channel DI-CHB-S45 (S45) 48", 96" Aluminum For 14mm Tape Lights or smaller		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		Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	<ul style="list-style-type: none"> Beam Angle: 120° Classic Frosted Lens Light Loss: 20% CCT Shift: -40K IP Rating Shift: IP40 	 U-Clip: 0.79 × 0.79 in. (H x W)
Slim Channel DI-CPCHB-SL (SL) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller		48" Aluminum, Black, & White Channels • 48 in. channel & lens • 2x surface mounting clips • End caps: 1x open, 1x closed 96" Aluminum, Black, & White Channels • 96 in. channel & lens • 4x surface mounting clips • End caps: 2x open, 2x closed		Architectural Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless Premium Diffusion Lens STMLT: Dotless For diffusion options not listed, refer to Slim Channel Specification Sheet.	<ul style="list-style-type: none"> Beam Angle: 120° 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 Black Lens Light Loss: 90% CCT Shift: -350K Premium Diffusion Lens Light Loss: 10% CCT Shift: -30K IP Rating Shift: IP40 	 Slim Mount: 0.54 × 0.87 in. (H x W)  3M Adhesive: 0.48 × 0.82 in. (H x W)  Magnetic U-Clip: 0.59 × 0.82 in. (H x W)  Premium Diffusion: 0.96 × 0.82 in. (H x W)
Square Channel DI-CPCHB-SQ (SQ) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller		48" Aluminum Channel • 48 in. channel & frosted lens • 2x surface mounting clips • End caps: 1x open, 1x closed. 48" Black & White Channels • 48 in. channel & clear, or frosted lens • 4x surface mounted clips • 2x End-to-end interconnects 96" Aluminum Channel • 96 in. channel & frosted lens • 4x surface mounting clips • End caps: 2x open, 2x closed. 96" Black & White Channels • 96 in. channel & clear, or frosted lens • 4x surface mounted clips • 2x End-to-end interconnects		Architectural Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless Premium Diffusion Lens STMLT: Dotless For diffusion options not listed, refer to Square Channel Specification Sheet.	<ul style="list-style-type: none"> Beam Angle: 120° 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 Black Lens Light Loss: 90% CCT Shift: -350K Premium Diffusion Lens Light Loss: 10% CCT Shift: -30K IP Rating Shift: IP40 	 Chromapath Surface Mount: 0.61 × 0.82 in. (H x W)  Vertical Mount: 0.61 × 0.82 in. (H x W)  Rotating Mount: 1.29 × 0.82 in. (H x W)  Hanging Mount: 1.51 × 0.82 in. (H x W)  Premium Diffusion: 1.13 × 0.82 in. (H x W)
Waveform Channel DI-CPCHB-WF (WF) 48" Aluminum For 12mm Tape Lights or smaller		48 in. channel & frosted lens 2x surface mounting clips End caps: 1x open, 1x closed.		Classic Frosted Lens STREAMLITE™ WARM DIM - STMLT: Dotless	<ul style="list-style-type: none"> Beam Angle: 120° Min. Bend Radius: 8 in. Classic Frosted Lens Light Loss: 20% CCT Shift: -40K IP Rating Shift: IP40 	 3M Adhesive: 0.4 × 0.71 in. (H x W)  U-Clip: 0.31 × 0.72 in. (H x W)

STREAMLITE™ WARM DIM 24V

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 _____



RECOMMENDED 24V DRIVERS

SKU	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE	MAXIMUM LOAD	MINIMUM LOAD	CLASS 2	DIMMABLE	LENGTH	WIDTH	HEIGHT
OMNIDRIVE® X Dimmable Driver Versatile driver for most high-performance dimming on ELV, TRIAC, and 0-10V systems. <div> https://www.diodeled.com/custom/download/productFile/filename/omnidrive-x-specification-sheet.pdf </div> <div> Contains • Additional Models • Additional Features • Derating Curves • System Diagrams </div>									
DI-ODX-24V30W-J	120-277V	24V	30W	No Minimum Load	Yes	Yes	6.5 in.	3.7 in.	1.57 in.
DI-ODX-24V60W-J	120-277V	24V	60W	No Minimum Load	Yes	Yes	7.4 in.	3.7 in.	1.57 in.
DI-ODX-24V96W-J	120-277V	24V	96W	No Minimum Load	Yes	Yes	8.66 in.	3.7 in.	1.57 in.
DI-ODX-24V120W-J	120-277V	24V	120W	No Minimum Load	No	Yes	8.66 in.	3.7 in.	1.57 in.
OMNIDRIVE® Electronic Dimmable Driver Our classic electronic dimmable (ELV) driver. Superior dimming and wide compatibility with popular dimmers. <div> https://www.diodeled.com/custom/download/productFile/filename/omnidrive-indoor-electronic-dimmable-driver-specification-sheet.pdf </div> <div> Contains • Additional Models • Additional Features • Derating Curves • System Diagrams </div>									
DI-TD-24V-45W-LPS3R	90~135VAC at ~50/60Hz	24V	45W	Load at least 60% labeled load	Yes	Yes	10.79 in.	7.34 in.	2.36 in.
DI-TD-24V-60W-LPS3R	90 ~ 135VAC 50/60Hz	24V	60W	Load at least 60% labeled load	Yes	Yes. Not compatible with PWM controls.	10.79 in.	7.34 in.	2.36 in.
DI-TD-24V-80W-LPS3R	90 ~ 135VAC 50/60Hz	24V	80W	Load at least 60% labeled load	Yes	Yes. Not compatible with PWM controls.	10.79 in.	7.34 in.	2.36 in.
0-10V Dimmable LED Driver Driver for cost-effective dimming on 0-10V control systems. <div> https://www.diodeled.com/custom/download/productFile/filename/DI-DM-0-10V-Specification%20Sheet.pdf </div> <div> Contains • Additional Models • Additional Features • Derating Curves • System Diagrams </div>									
DI-DM-MW24V60W-0-10V-LPS3R	120 ~ 277VAC 50/60Hz	24V	60W	No Minimum Load	Yes	Yes, with any 0-10V dimmer or control.	10.79 in.	7.34 in.	2.36 in.
DI-DM-MW24V60W-0-10V-LPS	120 ~ 277VAC 50/60Hz	24V	60W	No Minimum Load	Yes	Yes, with any 0-10V dimmer or control.	11.25 in.	3.75 in.	1.9 in.
PoE (Power over Ethernet) Constant voltage platform, ready for Power over Ethernet (inquire)									

RECOMMENDED CONTROLLERS

SKU	DESCRIPTION
CASAMBI® Controllers The CASAMBI controllers will remotely control your lighting through the app - downloadable for iOS & Android.	
CBU-PWM4	CASAMBI PWM4 Single Color Dimming Controller
CBU-A2D	CASAMBI A2D 2 Channel 0-10V/DALI Controller
CBU-ASR	CASAMBI ASR 0-10V Controller
DI-CBU-PWM5-PRO	Casambi CBU-PWM5-Pro RGB/W/WW Applications, 5 x PWM for constant voltage lights, 4 amps/CH max
Nicolaudie DMX LED Controllers Store up to 500 scenes across 10 separate zones with a full-color display.	
DI-DMX-DE3	Nicolaudie STICK-DE3 DMX LED Controller
DI-DMX-ESA	Nicolaudie Easy Stand Alone DMX LED Color Controller - 5k Memory



STREAMLITE™ WARM DIM 24V

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.

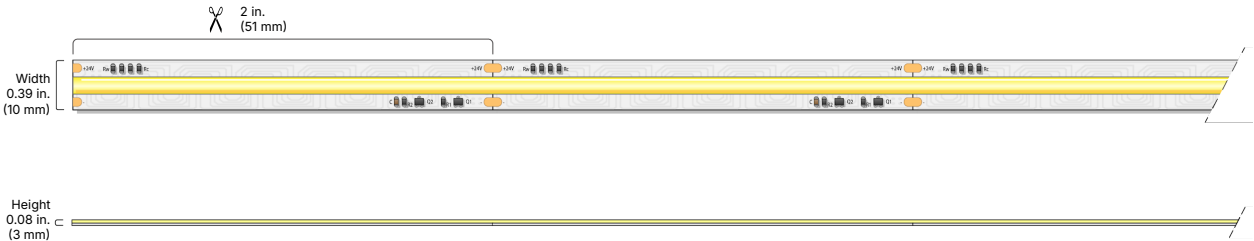
Date

Project Notes



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.

- Lumen value measured in accordance to IES LM-80-08. 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.

STREAMLITE™ WARM DIM 24V
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



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.

WARRANTY

Limited Warranty

- 2 Year and 7 Year limited warranties

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.