STREAMLITE™ Tunable White 24V
Diffused Linear Light

Dot-free linear lighting without any visible LEDs. Ideal for tight spaces and simple, impactful installations. Color temperature (CCT) adjustable from 2700K-6500K.
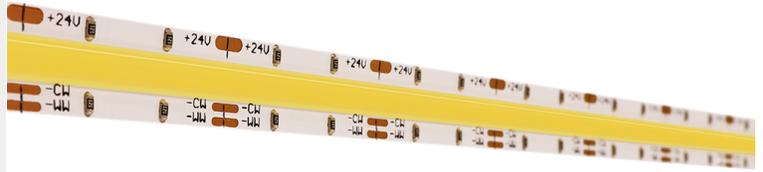
Date

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Project Notes

| IP20 | 24 VDC | NEC 410.16.A.3 & 410.10.C.1.3 CLOSET RATED | TITLE 24 |

FEATURES

- Uniform, diffused light appears dotless even without a diffusing lens
- Color temperature (CCT) adjustable from 2700K-6500K
- Very small size, ideal for tight spaces
- 180º beam angle for even light distribution
- Compatible with channels, and other popular accessories
- Lowest profile for a diffused linear light

ORDERING CODES
Order spools, and components for field assembly

OPTIONAL ORDERING CODES
Add Length, Assembly Preferences, and Finish

	Voltage	Model	CCT	Length	Channels				Finish	Mounting		Driver	Delivery
DI													
	24V	STMLT	TW2765 (2700K-6500K)	016 (16.4 feet)	S1 (S1)	16 (16mm Square)	SQ (Square)	ROD (Rod)	AL (Aluminum)	3M (3M Adhesive)	VC (Vertical Clip)	ELV (Electronic)	Field Assembly
					S2 (S2)	RC20 (20mm Round)	45 (45°)	MI1 (1-inch Mud-In)	BL (Black)	MC (Mounting Clip)	HNG (Hanging Hardware)	VLM (Constant Voltage)	Factory + Field (Hybrid)
					S45 (S45)	SQ20 (20mm Square)	45DCO (45° Deco)	MI2 (2-inch Mud-In)	WH (White)	UC (U-Clip)	RC (Rotating Clip)	O/O (On / Off)	Factory Assembly
					SL (Slim)	RC10 (10mm Round)	90 (90° Sideview)	REC (Recessed)				PoE (Power over Ethernet)	
					CA (Canal)	SQ10 (10mm Square)	REF (Reflector)	SLR (Slim Recessed)					

24V STREAMLITE™ Tunable White - SPECIFICATION TABLE

Models	24V-STMLT
Voltage	24VDC
Wattage	3W/ft.
Lumens 2700K-6500K	2700K: 200 Lm/ft. 3500K: 218 Lm/ft. 6500K: 260 Lm/ft.
Cut Points	1 in.
Max Run (ft.)	16.4 ft.
Max Run (Class 2)	20 ft.
CRI	90+
Dimensions	0.39 × 0.08 in. (W x H)
TM-30 (LM-80)	>50,000 hours
Environment	Indoor / Damp Location (IP20)
Ambient Temperature	-4 ~ 122°F (-20 ~ 50°C)
Operating Temperature	-4 ~ 176°F (-20 ~ 80°C)
LED Chips	213/ft.
Certification	UL Listed 2108
Warranty	7 Year

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RECOMMENDED CHANNELS

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	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 STMLT: Dotless	• Beam Angle: 120º Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	U-Clip: 0.32 × 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 STMLT: Dotless	• Beam Angle: 120º Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	U-Clip: 0.58 × 0.75 in. (H x W)
S45 Channel DI-CHB-S45 (S45) 48", 96" Aluminum For 14mm Tape Lights or smaller	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	10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 120º 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	Height (H): 0.38 in. Width (W): 0.82 in. Interior Depth (ID): 0.3 in. Interior Width (IW): 0.67 in.	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 Lens STMLT: Dotless Premium Diffusion Lens STMLT: Dotless	• Beam Angle: 120º Architectural Clear Lens • Light Loss: 10% • CCT Shift: -20K Architectural Frosted Lens • Light Loss: 20% • 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 For diffusion options not listed, refer to Slim Channel Specification Sheet. • 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)

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RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
Canal Channel DI-CPCHB-CAN (CA) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller	Height (H): 0.59 in. Width (W): 0.69 in. Interior Depth (ID): 0.54 in. Interior Width (IW): 0.61 in.	48" Aluminum, Black, & White Channels • 48 in. channel & opal lens • 2x surface mounting clips • End caps: 1x open, 1x closed. 96" Aluminum, Black, & White Channels • 96 in. channel & opal lens • 4x surface mounting clips • End caps: 2x open, 2x closed.	10mm Tape Light: Soldered Lead Only	Opal Lens STMLT: Dotless	• Beam Angle: 120° Opal Lens • Light Loss: 55% • CCT Shift: -200K • IP Rating Shift: IP40	U-Clip: 0.6 × 0.7 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 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 STMLT: Dotless	• Beam Angle: 120° Architectural Frosted Lens • Light Loss: 20% • CCT Shift: -35K Black Lens • Light Loss: 90% • CCT Shift: -350K • 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 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 STMLT: Dotless	• 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 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 STMLT: Dotless	• 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)

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RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
10mm Round Channel DI-CPCHB-RC10 (RC10) 48", 96" Aluminum For 8mm Tape Lights or smaller	Height (H): 0.63 in. Width (W): 0.63 in. Interior Width (IW): 0.39 in.	48 in. channel & frosted cover Mounting hardware End caps: 1x open, 1x closed. 96 in. channel & frosted cover Mounting hardware End caps: 2x open, 2x closed.	10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 180° Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	U-Clip: 0.64 × 0.64 in. (H x W)
10mm Square Channel DI-CPCHB-SQC10 (SQ10) 48", 96" Aluminum For 8mm Tape Lights or smaller	Height (H): 0.63 in. Width (W): 0.63 in. Interior Width (IW): 0.39 in.	48 in. channel & frosted cover Mounting hardware End caps: 1x open, 1x closed. 96 in. channel & frostedcover Mounting hardware End caps: 2x open, 2x closed.	10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 180° Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	U-Clip: 0.64 × 0.64 in. (H x W)
Square Channel DI-CPCHB-SQ (SQ) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller	Height (H): 0.55 in. Width (W): 0.82 in. Interior Depth (ID): 0.27 in. Interior Width (IW): 0.67 in.	48" Aluminum Channel • 48 in. channel & frosted cover • Mounting hardware • 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 & frostedcover • Mounting hardware • 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	10mm Tape Light: 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° Architectural Clear Lens • Light Loss: 10% • CCT Shift: -20K Architectural Frosted Lens • Light Loss: 20% • 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)
45° Channel DI-CPCHB-45 (45) 48", 96" Aluminum, White, Black For 14mm Tape Lights or smaller	Height (H): 0.94 in. Width (W): 0.67 in. Interior Depth (ID): 0.32 in. Interior Width (IW): 0.67 in.	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 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: 20% • 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)

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RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
45° Deco Channel DI-CPCHB-45DCO (45DCO) 48", 96" Aluminum For 10mm Tape Lights or smaller	Height (H): 0.73 in. Width (W): 0.73 in. Interior Depth (ID): 0.42 in. Interior Width (IW): 0.47 in.	48 in. channel & 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 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	Height (H): 0.92 in. Width (W): 0.92 in. Interior Depth (ID): 0.3 in. Interior Width (IW): 0.48 in. Mounting Canal Width (MC): 0.25 in.	48 in. channel & frosted cover Mounting hardware End caps: 1x open, 1x closed. 96 in. channel & frosted cover Mounting hardware End caps: 2x open, 2x closed.	10mm Tape Light: Soldered Lead Only	Classic Frosted Lens 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)
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 STMLT: Dotless	• Beam Angle: 120° Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	Recessed Mount: 2.75 × 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 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× 180° swivel brackets 2x Closet Mounting Brackets 2x Support Brackets	10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 180° Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	Rotating Mount: 1.69 × 0.95 in. (H x W) Closet Mount: 1.28 × 3.25 in. (H x W) Art Lighting Arm: 2.72 × 10.15 in. (H x W) Wall Arm: 4.5 × 2.15 in. (H x W)

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RECOMMENDED CHANNELS

MODEL	DIAGRAM	INCLUDED ACCESSORIES	CONNECTION OPTIONS	IN CHANNEL DIFFUSION	TECHNICAL RATINGS	MOUNTING OPTIONS WITH DIMENSIONS
1-inch Mud-In Channel DI-CPCHB-MUD1 (MI1) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 0.54 in. Width (W): 2.42 in. Interior Width (IW): 0.81 in. Cut Out Width (CO): 1.19 in.	96 in. channel & opal lens 2x surface mounting clips End caps: 2x open, 2x closed.	10mm Tape Light: Soldered Lead Only	Opal Lens 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)
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 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 STMLT: Dotless	• 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)
Recessed Channel DI-CPCHB-REC (REC) 48", 96" Aluminum For 14mm Tape Lights or smaller	Height (H): 0.49 in. Width (W): 1.03 in. Interior Depth (ID): 0.42 in. Interior Width (IW): 0.59 in. Cut Out Width (CO): 0.74 in. Recessed Wing (RW): 0.15 in.	48 in. channel & frosted lens 2x surface mounted clips end caps: 1x open, 1x closed 96 in. channel & frosted lens 4x surface mounted clips end caps: 2x open, 2x closed.	10mm Tape Light: Soldered Lead Only	Classic Frosted Lens 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)
Slim Recessed Channel DI-CPCHB-SLR (SLR) 48", 96" Aluminum For 10mm Tape Lights or smaller	Height (H): 0.38 in. Width (W): 0.65 in. Interior Width (IW): 0.43 in. Cut Out Width (CO): 0.49 in. Recessed Wing (RW): 0.08 in.	48 in. channel & frosted lens End caps: 1x open square, 1x open round, 1x closed square 96 in. channel & frosted lens End caps: 1x open square, 1x open round, 1x closed square.	10mm Tape Light: Soldered Lead Only	Classic Frosted Lens STMLT: Dotless	• Beam Angle: 120° Classic Frosted Lens • Light Loss: 20% • CCT Shift: -40K • IP Rating Shift: IP40	Recessed Mount: 0.38 × 0.65 in. (H x W)

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RECOMMENDED 24V DRIVERS

SKU	INPUT VOLTAGE / FREQUENCY	OUTPUT VOLTAGE	MAXIMUM LOAD	MINIMUM LOAD	CLASS 2	DIMMABLE	LENGTH	WIDTH	HEIGHT
MEANWELL Constant Voltage Driver Drivers for on/off or PWM dimming applications.				MEANWELL Constant Voltage Driver Specification Sheet https://www.diodeled.com/custom/download/productFile/filename/commercial-grade-CV-Driver-Specification%20Sheet%20(24V%20Models).pdf/					
						Contains • Additional Models • Additional Features • Derating Curves • System Diagrams			
DI-CV-MW24V60W-277-LPS3R	120 ~ 277VAC 50/60Hz	24V	60W	No minimum load	Yes	Yes, with compatible PWM dimmer/controls	10.79 in.	7.34 in.	2.36 in.
DI-CV-MW24V60W-277-LPS	120 ~ 277VAC 50/60Hz	24V	60W	No minimum load	Yes	Yes, with compatible PWM dimmer/controls	11.25 in.	3.75 in.	1.9 in.
DI-CV-MW24V90W-277-LPS3R	120 ~ 277VAC 50/60Hz	24V	90W	No minimum load	Yes	Yes, with compatible PWM dimmer/controls	10.79 in.	7.34 in.	2.36 in.
DI-CV-MW24V90W-277-LPL	120 ~ 277VAC 50/60Hz	24V	90W	No minimum load	Yes	Yes, with compatible PWM dimmer/controls	13.5 in.	4.5 in.	2.38 in.
VLM Series Constant Voltage Driver Compact driver for on/off, PWM dimming, and color-changing applications.				VLM Series Constant Voltage Driver Specification Sheet https://www.diodeled.com/custom/download/productFile/filename/VLM-Specification%20Sheet%20(Driver%20&%20J-Box).pdf/					
						Contains • Additional Models • Additional Features • Derating Curves • System Diagrams			
VLM60W-24-LPS3R	120 / 277VAC 47 - 63Hz	24V	60W	No Minimum Load	Yes	PWM	10.79 in.	7.34 in.	2.36 in.
VLM60W-24-LPM	120 / 277VAC 47 - 63Hz	24V	60W	No Minimum Load	Yes	PWM	8.19 in.	2.94 in.	1.31 in.
VLM100W-24-LPS3R	120 / 277VAC 47 - 63Hz	24V	100W	No Minimum Load	Yes	PWM	10.79 in.	7.34 in.	2.36 in.
OMNIDRIVE® X Dimmable Driver Versatile driver for most high-performance dimming on ELV, TRIAC, and 0-10V systems.				OMNIDRIVE® X Dimmable Driver Specification Sheet https://www.diodeled.com/custom/download/productFile/filename/omnidrive-x-specification-sheet.pdf/					
						Contains • Additional Models • Additional Features • Derating Curves • System Diagrams			
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.
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
CBU-TED	CASAMBI TED AC High Voltage Controller
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

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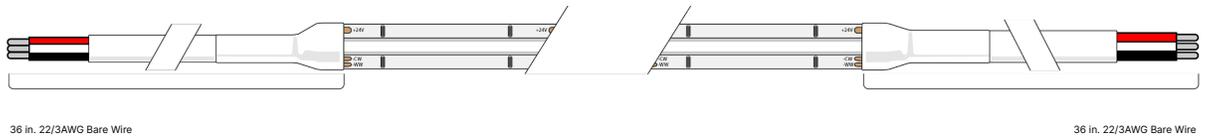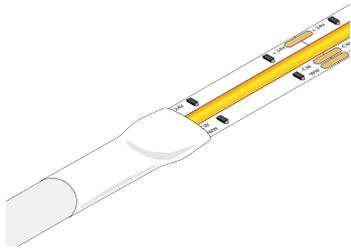
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IP20 | **24 VDC** | **NEC** 410.16.A.3 & 410.10.C.1.3 **CLOSET RATED** | **TITLE 24**

MECHANICAL DIAGRAMS

24V-STMLT

1 in. (26 mm)

0.39 in. (10 mm)

0.08 in. (3 mm)

CONNECTIONS

36 in. 22/3AWG Bare Wire

36 in. 22/3AWG Bare Wire

STREAMLITE™ Tunable White 24V
Diffused Linear Light

Dot-free linear lighting without any visible LEDs. Ideal for tight spaces and simple, impactful installations. Color temperature (CCT) adjustable from 2700K-6500K.

Date

https://www.diodeled.com/streamlite-tape-light-tunable-white.html

Project Notes

IP20 | 24 VDC | NEC 410.16.A.3 & 410.16.C.1.3 CLOSET RATED | TITLE 24

ACCESSORIES

Soldered Lead Only

DELIVERY OPTIONS

- **Field Assembly**
  Stock items for in-field assembly. Fastest order fulfillment.

- **Factory + Field (Hybrid)**
  Finished lengths of light with leads. CHANNELS either bulk or factory finished. Some field assembly required.

- **Factory Assembly**
  Fastest installation: fixtures fully assembled in the factory.

- 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.

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CERTIFICATIONS

Safety

- UL Listed 2108 Flexible Lighting Systems. Certified for United States and Canada. File # E469769.

- Approved for storage areas of clothes closets per NEC 410.16.A.3 and 410.16.C.5

Environment

- 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. 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.

7. Do not install in environment where LED chips are exposed to direct sunlight as damage to the phosphor will occur.

8. Do not install in environment where excessive heat may exist (ex. close proximity to fireplace, etc.) See Ambient Temperature ratings

9. 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.

10. Do not modify product beyond instructions or warranty will be void.

11. Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.

12. Actual color may vary from what is pictured on this sheet and other print materials due to the limitations of photographic processes.

13. We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.

WARRANTY

Limited Warranty

- 7 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.