

DIMLUX DIM TO WARM LED STRIP



The Dimlux Dim-to-Warm LED Strip is a high-performance linear lighting solution designed to replicate the behavior of traditional incandescent dimming. As light levels are reduced, correlated color temperature transitions smoothly from 3000K down to 1800K, delivering a warm, natural ambiance. Ideal for architectural, retail, hospitality, and millwork applications where premium dimming performance and color quality are required.

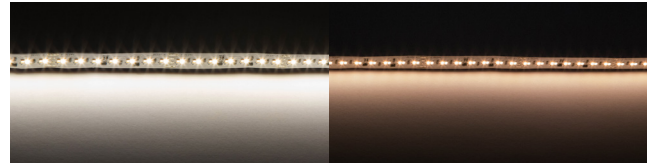
Key Features

- Dim-to-Warm operation transitions from 3000K at full output to 1800K when dimmed
- High-quality 2016 SMD LEDs for consistent color and output
- High color rendering, CRI 90+
- 24V DC constant voltage input
- Output range of 950–1800 lumens per meter
- Maximum stocked length: 16.4 ft (5M)
- Cuttable every 2.71" (62.5mm)



Full Brightness 3000K

Dimmed 1800K



Applications

Under Cabinet | Accent | Back Bar | Display | Cove | Mood

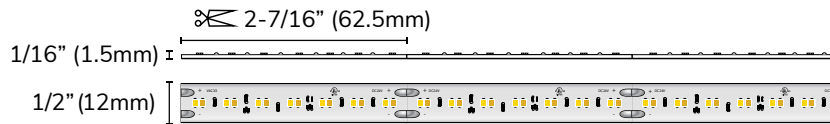
Installation

Double-sided 3M tape on the back

Specifications

Voltage	24V DC	24V DC
Wattage	2.7W/ft (9W/M)	5.5W/ft (18W/M)
Lumen Output	290/ft (950/M)	550/ft (1800/M)
Color Temp	Dim to Warm (3000K - 1800K)	Dim to Warm (3000K - 1800K)
Beam Angle	120°	120°
Dimmable	Yes, dim to warm	Yes, dim to warm
LED Density	68 LEDs/ft (224 LEDs/M)	68 LEDs/ft (224 LEDs/M)
Cut Increment	14 LEDs - 2 ⁷ / ₁₆ " (62.5mm)	14 LEDs - 2 ⁷ / ₁₆ " (62.5mm)
Roll Length	16.4' (5M)	16.4' (5M)
CRI	>90	>90
IP Rating	22	22
Operating Temp	-25~+60°C (-13~140°F)	-25~+60°C (-13~140°F)
Lifespan	+65,000 hours	+65,000 hours
Lead Wire Length	12" (30cm) wire lead on both ends	12" (30cm) wire lead on both ends
Warranty	5-year	5-year

Dimensions



Ordering Codes

	Product	Chip & Length	Voltage	LEDs/M	Color Temp
LS -	FLI	4B	24	224	
	FLI : Indoor	4 : 2016 B : 5M (16.5')	24 : 24 volt	224 : 224 LEDs	DTW : Dim to Warm (18W/M) DTW2 : Dim to Warm (9W/M)

Solderless Connectors

Solderless connectors are designed to provide a simple and quick connection for projects. Suitable for indoor applications.

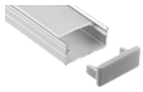
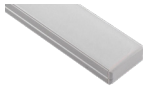



Image	Code	Product	Description
	LS-SC1-DTW	Seamless Connector	2 wire. Width: 11/16" (17mm). Application: Add length.
	LS-SC2-DTW	Power Feed	12" lead with connector - 2 wire. Width: 11/16" (17mm). Applications: Cut strip to power.
	LS-SC3-DTW	Jumper	6" lead with connector on each side - 2 wire. Width: 11/16" (17mm). Applications: For corners.
	LS-WPC-2	Waterproof Connector	For corners or to make new lengths (solder on)

Controllers

Image	Product	Code	Description	Functions	Dimensions
	Dimmer	LS-WD-WT	Dimmer with switch, Dims 10-100% (fades up and down smoothly)	120V AC, 60Hz, Single Pole, 150W output power	Fits standard single gang junction box,
	Casambi 4 Channel PWM Controller	LS-CBU-PWM4	Control up to 250 fixtures with intelligent mesh network and customizable user interface. Multiple networks can be set up with same control system	12-24V DC 48W - 96W 4A Output Power Surface Mountable Includes Downloadable Smart Device App	L2-7/8 x W1-3/16 x H11/16" (L72.6 x W30 x H18mm)

Aluminum LED Profiles





Each aluminum profile can be combined with its respective LED flexible strip to create a customized look for various applications.




Image	Code	Product	Description	Specs
	LS-LL12-L1	1M LL12 Channel	Slim Modern. 1M (40") or 2M (80") lengths.	W23/32 x H5/16" (W18 x H8mm). All connectors compatible.
	LS-LL12-L2	2M LL12 Channel		
	LS-LL13-L1	1M LL13 Channel	Wide Slim. 1M (40") or 2M (80") lengths.	W29/32 x H3/8" (W23 x H10mm). All connectors compatible.
	LS-LL13-L2	2M LL13 Channel		
	LS-LL15-L1	1M LL15 Channel	Thin Recessed and Surface Mount. 1M (40") or 2M (80") lengths.	W43/64 x H9/32" (W17 x H7mm). Production lead or solder required.
	LS-LL15-L2	2M LL15 Channel		
	LS-LL16-L1	1M LL16 Channel	Deep Recessed. 1M (40") length.	W45/64 x H19/32" (W18 x H15mm). Production lead or solder required.
	LS-LL18-L1-BK	1M LL18 Channel	Black, Recessed or Surface Mount. 1M (40") length.	W3/4 x H1/2" (W19 x H12mm). Production lead or solder required.
	LS-LL18-L2.5	2.5M LL18 Channel	Aluminum, Recessed or Surface Mount. 2.5M (8ft) length.	W3/4 x H1/2" (W19 x H12mm). Production lead or solder required.
	LS-LL23-DW-L3	3M LL23 Drywall Channel	Mud In. 3M (9.8') length.	W1 ⁹ / ₆₄ x H35/64" (W29 x H14mm). All connectors compatible.

Power Supplies

Non-Dimmable					
Image	Code	Voltage	Output Power	Class II	Dimmable Specs
	LS-24V-60W-O-CV	24V	Max. 60W	√	Non Dim with plug
	LS-24V-96W-O-CV		Max. 96W	√	Non Dim with plug
	LS-24V-150W-O-CV		Max. 150W	x	Non Dim with plug
	LS-24V-240W-O-CV		Max. 240W	x	Non Dim, with leads for hard-wire.
	LS-24V-320W-O-CV		Max. 320W	x	Non Dim, with leads for hard-wire.

Power Supplies

Non-Dimmable					
Image	Code	Voltage	Output Power	Class II	Dimmable Specs
	LS-24V-30W-JB-O-CV	24V	Max. 30W	✓	Non Dim, Boxed Hardware
	LS-24V-60W-JB-O-CV		Max. 60W	✓	Non Dim, Boxed Hardware
	LS-24V-96W-JB-O-CV		Max. 96W	✓	Non Dim, Boxed Hardware
	LS-24V-96Wx3-JB-O-CV		Max. 288 W (3 × 96 W Class 2 outputs)	✓	Non Dim, Boxed Hardware

Dimmable					
Image	Code	Voltage	Output Power	Class II	Dimmable Specs
	LS-24V-24D-CV	24V	Max. 24W	✓	Triac Dimming. Hardwire
	LS-24V-48D-CV		Max. 48W	✓	
	LS-24V-60D-CV		Max. 60W	✓	
	LS-24V-30D-MLT-CV		Max. 30W	✓	5 in 1 dimming. Triac/Phase. 0-10V, 1-10V, Potentiometer, 10V PWM. Boxed Hardware
	LS-24V-60D-MLT-CV		Max. 60W	✓	
	LS-24V-96D-MLT-CV		Max. 96W	✓	
	LS-24V-150D-MLT-CV		Max. 150W	X	
	LS-24V-300D-MLT-CV		Max. 300W	X	
	LS-24V-96Wx2D-MLT-CV		Max. 192W (2 × 96W Output)	✓	
	LS-24V-96Wx3D-MLT-CV		Max. 288W (3 × 96W Output)	✓	