

VELA RECESSED

Cove, Under Cabinet & Millwork

Job Information		
Project Name		Type
Location		
Quantity		Date
Contact/Phone		
Notes		

Features

Construction

The VELA is available with multiple light source options including single color (2700 K / 3000 K / 3500 K / 4000 K), dim to warm (2000 K - 3000 K), OnCloud Tunable White (2200 K - 6500 K), Full Color + Tunable White (RGB + 2200 K - 6500 K), producing up to 2,880 lumens per meter for any linear application.

Color Quality

Achieves full color, combining RGB and Tunable White (2200 K - 6500 K), with 90+ CRI in the Tunable White range and an R9 of up to 95.

Lumen Maintenance

LEDs reduce ongoing maintenance, has a rated life of over 50,000 hours.

Power Consumption

Operates as a constant voltage load at 24VDC, and consumes up to 30 Watts per meter.

Dimming

The LED tape is Wi-Fi dimmable when used with our OnCloud Adapter / High Power OnCloud Adapter. Standard constant voltage dimming drivers available for single color and dim to warm light sources.

Beam Spread

This LED tape features a 97° linear beam spread to provide even light distribution.

Operating Temperature

-20°C ~ 42°C (-4°F ~ 108°F)

Mounting

Securely mounts to a recessed surface. For indoor use only.

Environment

Suitable for dry, damp locations.

LED Driver

24V DC driver available as hardwire with a DC 2.1 connector. Drivers feature open and short circuit protection, and over voltage protection.

Includes

- Tape at selected length with powerfeed
- LED Driver
- 24V 5-channel OnCloud adapter
- Extrusion with lens and end caps

SPECIFICATION

Application	Cover, Under Cabinet & Millwork
Approved location	Damp
Beam Angle	97°
Single Color	2700K / 3000 K / 3500 K / 4000 K
Dim-to-Warm	2000 K ~ 3000 K
OnCloud Tunable White	2200 K ~ 6500 K
Full Color + Tunable White	RGB + 2200 K ~ 6500 K
Certification	cETLus (for tape and drivers)
CRI	90+
Dimming	Yes*
Dimming Technology	TRIAC/ELV and Wireless OnCloud*
Lumens	Refer to Light Source Chart
Max. Op. Temp.	42°C (108°F)
Min. Start Temp.	-20°C (-4°F)
Power Supply Type	Constant Voltage
Projected Life	70% @ 50,000 hrs
Voltage	24V DC
Warranty	3-Year

* Constant voltage driver TRIAC/ELV dimming and OnCloud Wi-Fi dimming options.

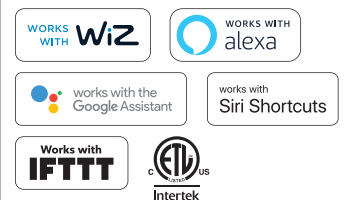
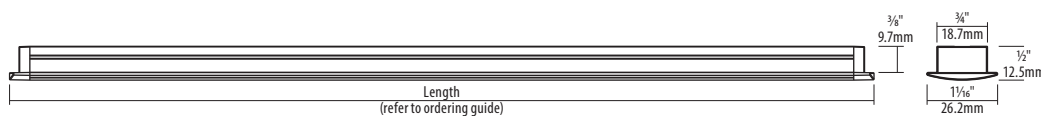
Light Source (90+ CRI)	Power Output W/ft	Power Output W/m	Lumen Output lm/ft	Lumen Output lm/m
2700 K	4.5	14.4	275	902
2700 K, High Output	9	30	407	1,336
3000 K	4.5	14.4	283	929
3000 K, High Output	9	30	431	1,419
3500 K	4.5	14.4	283	929
3500 K, High Output	9	30	448	1,468
4000 K	4.5	14.4	297	976
4000 K, High Output	9	30	484	1,584
Dim-to-Warm	4.5	14.4	192	632
Tunable White	3	10	137	453
OnCloud RGBTW	1 / 1.2 / 1.8	3 / 4 / 6	41 / 57 / 74	137 / 192 / 247
OnCloud RGBTW, High Output	6	19	277	907



Description

The VELA recessed is an accent or general illumination low voltage linear light that is made to ordered length. This product offers a very flexible linear light solution for residential, retail, and commercial applications. Available in fixed color, dim-to-warm, tunable white OnCloud, and RGBTW OnCloud options.

Technical Drawings



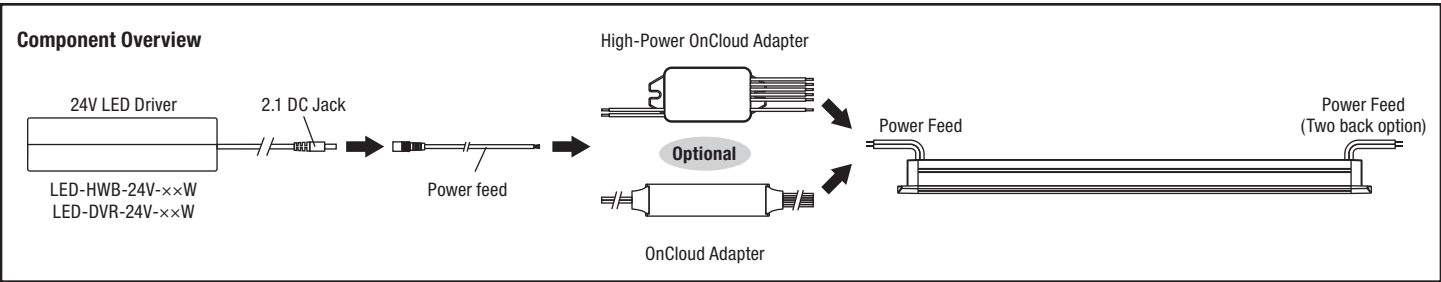
Notes: Additional accessories, including end caps with hole for side feed, mounting bracket options and extensions sold separately. Refer to page 2 for accessories. For additional options please consult your Liteline representative.

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

Ordering Guide

	Color	Power	Length	Finish	Lens	Driver	Power Feed
LINV -							
	CCT 27 : 2700 K 30 : 3000 K 35 : 3500 K 40 : 4000 K	14 : 4.5 W/ft 14.4 W/m, 297 lm/ft 976 lm/m 30 : 9 W/ft 30 W/m, 484 lm/ft 1584 lm/m	08-96 : Length ² (4" increments)	AL : Aluminum BK : Black WH : White	FR : Frosted BK : Black	Y : No Driver (for daisy-chain) D : Dimming Driver 120-277V TRIAC/0-10V ⁴ N : Non-Dimming Driver 120V ⁴ O : OnCloud (OnCloud Adapter + Non-dimming 120V Driver ³) L : Lutron Hi-Lume EcoSystem (120-277V) ⁴ A : Lutron Athena, 0-10V Dimming (120-277V) ⁴ V : Lutron Vive, 0-10V Dimming (120-277V) ⁴	1 : One Back 3 : Two Back
	Dim-to-Warm DW : 3000 K ~ 2000 K	15 : 4.4 W/ft 14.4 W/m, 192 lm/ft 632 lm/m					
	Tunable White (OnCloud) TW : Tunable White (2200 K ~ 6500 K) ¹	10 : 3 W/ft 10 W/m, 137 lm/ft 453 lm/m					
	Full Color + Tunable White (OnCloud) FC : Full Color + TW (RGB + 2200 K ~ 6500 K) ¹	03 : 1 W/ft 3 W/m, 41 lm/ft 137 lm/m 04 : 1.2 W/ft 4 W/m, 57 lm/ft 192 lm/m 06 : 1.8 W/ft 6 W/m, 74 lm/ft 247 lm/m 19 : 6 W/ft 19 W/m, 277 lm/ft 907 lm/m					

¹ For "TW" and "FC" Color options, "O" Driver option must be selected (dimming is achieved within the OnCloud ecosystem). ² Nominal length. ³ "O" Driver option can be selected for any Color and Power option, it will include both OnCloud Adapter and non-dimming driver. ⁴ Compatible with CCT and Dim-to-Warm Color options only.



End Caps

	TP-AL1910R-EC-AL End cap, aluminum, for use with TP-AL1910R-AL with standard lens.		TP-AL1910R-EC-BK End cap, black, for use with TP-AL1910R-BK with standard lens.		TP-AL1910R-EC-WH End cap, white, for use with TP-AL1910R-WH with standard lens.
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Lenses

	TP-AL1910R-LENS 8' Standard lens, frosted, for use with TL-AL1910R channel series.		TP-AL1910R-LENS-BK 8' Standard lens, black, for use with TL-AL1910R channel series.
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OnCloud Accessories

	LC-CRTL-SCENE-1 OnCloud Room Controller, Wi-Fi, On/OFF, CCT, Dimming and favourite scenes.
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Extension Cable

	AW20-RGBTW-SJT6-50 50-ft SJT6 AWG20 extension cable.
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