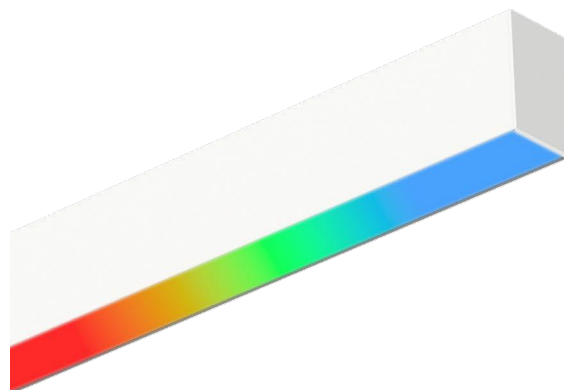


LED Architectural Linear Light VALL08



The VALL08 linear light is a versatile lighting solution available in multiple sizes, finishes and mounting options. Featuring RGBCW technology, it delivers a full spectrum of dynamic colors and tunable white light, making it easy to create anything from vibrant atmospheres to cozy, warm environments.



SPECIFICATION

Feature

- 2', 4', and 8' lengths.
- Strong, durable formula for long-lasting color retention.
- Black, white, and silver gray finishes are available.
- Just 1.9 inches wide, featuring a minimalist and stylish look.
- The diffuser and endcaps at the fixture ends overlap to eliminate gaps and visible LEDs.
- RGBCW technology for full-spectrum dynamic colors and tunable white light.

Optics

- Scalable lumen packages of tunable white range from 450 to 10,000 lumens.
- RGBCW.
- Color Consistency of Tunable White < 5 SDCM.
- CRI 80/90.
- High-quality flat frost diffuser for smooth light distribution and uniformity.

Electrical

- Universal 120–277 VAC input voltage.
- PF > 0.9, THD < 20%.
- Highly efficient, durable Class II drivers are available.
- Operating Temperature Range: -20°C to 40°C (-4°F to 104°F).

Control

- Bluetooth controller optional.

Mounting

- Dry Wall Pendant Mount.
- Drop Ceiling Pendant Mount.
- Surface Mount.
- Wall Mount.

Certification

- UL and cUL listed for damp locations.

Warranty

- 5-year limited warranty.

Lifespan

- Estimated LED lifespan (L70) ≥ 100,000 hours, based on IES TM-21 calculations at 25°C.

Application

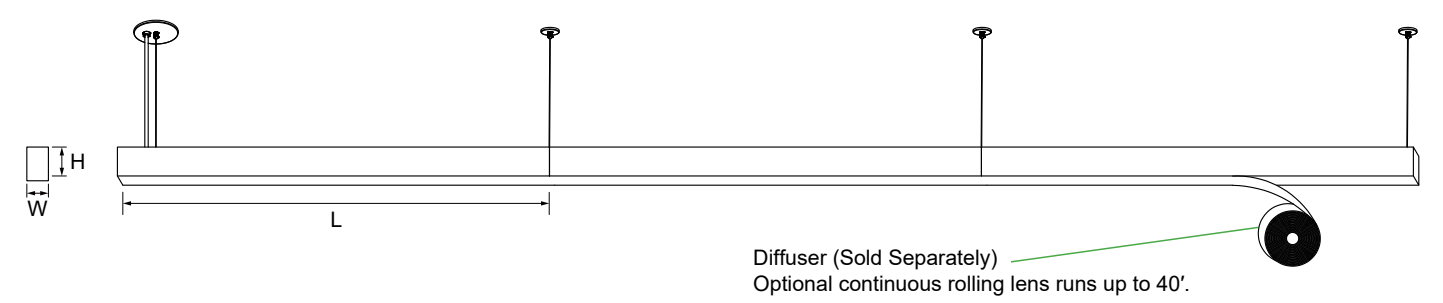
- Entertainment venues, offices, conference rooms, education facilities, retail stores and supermarkets, reception areas, hallways, gyms, etc.

Note

- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C (±5°C). Specifications are subject to change without notice.

DIMENSION

Item	L	W	H
2ft	23.78 in (604mm)	1.90 in (48 mm)	2.95 in (75 mm)
4ft	46.46 in (1180mm)		
8ft	94.65 in (2404mm)		



PERFORMANCE DATA

Size	Wattage	2700K(80CRI)		3000K(80CRI)		3500K(80CRI)		4000K(80CRI)		5000K(80CRI)	
		Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
2ft	25W	2250 lm	90 lm/W	2300 lm	92 lm/W	2375 lm	95 lm/W	2500 lm	100 lm/W	2500 lm	100 lm/W
4ft	50W	4500 lm	90 lm/W	4600 lm	92 lm/W	4750 lm	95 lm/W	5000 lm	100 lm/W	5000 lm	100 lm/W
8ft	100W	9000 lm	90 lm/W	9200 lm	92 lm/W	9500 lm	95 lm/W	10000 lm	100 lm/W	10000 lm	100 lm/W

Size	Wattage	Red(615-625nm)		Green(520-530nm)		Blue(460-470nm)	
		Lumens	LPW	Lumens	LPW	Lumens	LPW
2ft	3.5W	70 lm	20 lm/W	263 lm	75 lm/W	42 lm	12 lm/W
4ft	7W	140 lm	20 lm/W	525 lm	75 lm/W	84 lm	12 lm/W
8ft	14W	280 lm	20 lm/W	1050 lm	75 lm/W	168 lm	12 lm/W

ELECTRICAL DATA

Size	Number of Drivers	Driver Current(mA)	Wattage	Current(A)			
				120V	208V	240V	277V
2ft	1	890	25W	0.21	0.12	0.10	0.09
4ft	1	1780	50W	0.42	0.24	0.21	0.18
8ft	1	3540	100W	0.83	0.48	0.42	0.36

RGBCW

The luminaire supports independent color mixing of 5 primary colors: red (R), green (G), blue (B), cool white (C), and warm white (W). Users can freely customize and instantly switch lighting colors based on the scenario and mood, creating limitless visual possibilities.



BLUETOOTH FUNCTION

Reset & Pairing Mode

- Power cycle 3 times: ON 1s, OFF 3–5s.
- Luminaire flashes 3 times → breathing mode (3000K, brightness 100% ↔ 30%).
- Pairing mode timeout: 45s → steady ON at 2700K, 100%.
- Pairing success: flashes twice → steady ON at 3000K, 100%.

Linear Luminaire

BLE MESH INSIDE

Linear Luminaire

BLE MESH INSIDE

Grouping & Selection

- Assign to group: Enter pairing mode (see Reset), then long press Group1/2/3.
- Select group: Short press Group1/2/3.
- Select all: Press ALL key.

Linear Luminaire

BLE MESH INSIDE

Turn ON/OFF selected luminaires

Group Keys (Group1/Group2/Group3)
Short Press: Select the group (selected luminaires blink once)
Long Press: Assign luminaires (in pairing mode) to the group

Adjust brightness (20% / 40% / 60% / 80% / 100%)

16-color fast jump cycle (interval 1s), current brightness

16-color slow jump cycle (interval 3s), current brightness

Quick 16-Color Selection

ON/OFF

Group 1

Group 2

Group 3

ALL

DIM-

DIM+

CCT-

CCT+

Flash

Strobe

UP ON

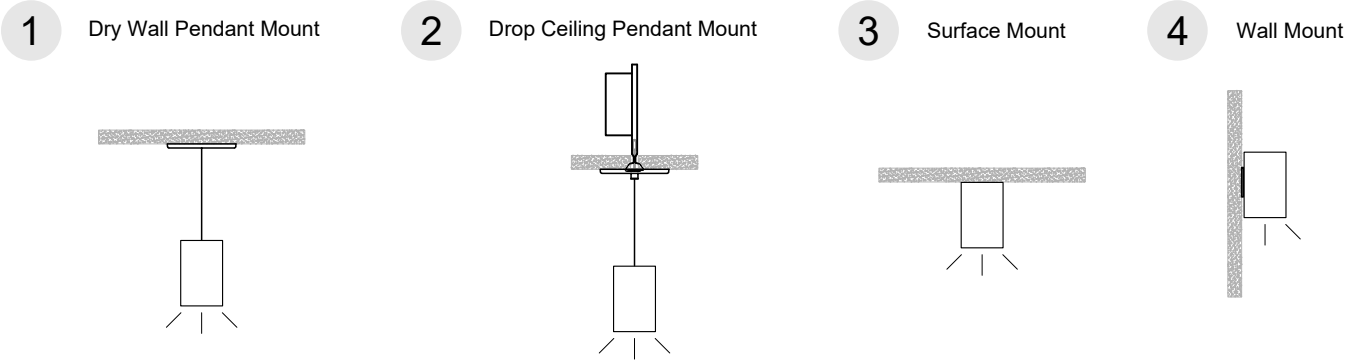
UP OFF

Select all groups (all luminaires blink once)

Short Press: Cycle 6 color temperatures (2700K/3000K/3500K/4000K/4500K/5000K)
Long Press: Reset to min or max CCT

Turn ON/OFF the up-light module

MOUNTING



MOUNTING ACCESSORY

1 5C POWER CORD KIT • MALL08-PC-Kit-5C-5F-W ALL08_Power Cord Kit_5C_5Ft_White • MALL08-PC-Kit-5C-5F-B ALL08_Power Cord Kit_5C_5Ft_Black • MALL08-PC-Kit-5C-5F-G ALL08_Power Cord Kit_5C_5Ft_Gray	2 AIRCRAFT CABLE PENDANT MOUNT KIT • MALL08-SCD-Kit-5F ALL08_Aircraft Cable Pendant Mount Kit_5Ft
3 DRY WALL PENDANT MOUNT KIT • MALL08-DWP-Kit-W ALL08_Dry Wall Pendant Mount Kit_White • MALL08-DWP-Kit-B ALL08_Dry Wall Pendant Mount Kit_Black • MALL08-DWP-Kit-SG ALL08_Dry Wall Pendant Mount Kit_Silver Gray	4 DROP CEILING PENDANT MOUNT KIT • MALL08-DCP-Kit-W ALL08_Drop Ceiling Pendant Mount Kit_White • MALL08-DCP-Kit-B ALL08_Drop Ceiling Pendant Mount Kit_Black • MALL08-DCP-Kit-SG ALL08_Drop Ceiling Pendant Mount Kit_Silver Gray
5 SURFACE MOUNT KIT • MALL08-SM-Kit-W ALL08_Surface Mount Kit_White • MALL08-SM-Kit-B ALL08_Surface Mount Kit_Black • MALL08-SM-Kit-SG ALL08_Surface Mount Kit_Silver Gray	6 WALL MOUNT KIT • MALL08-WM-Kit-W ALL08_Wall Mount Kit_White • MALL08-WM-Kit-B ALL08_Wall Mount Kit_Black • MALL08-WM-Kit-SG ALL08_Wall Mount Kit_Silver Gray



• ZSJ-2802-02

ORDERING GUIDE

Example: VALL08 4F 50W 27V RGBCW Y Y Y Y Y Y Y Y

Fixture Type	Size	Power	Voltage	CCT	Finish	Light Configuration	Optics (Direct)	Optics (Indirect)	CRI	Driver	Mounting	Internal Code
VALL08 Architectural Linear Light Series	2F	25W	27V	RGBCW	B	D Direct (Down Light) ID Indirect/Direct (Up and Down Light)	D Diffuser	D Diffuser Blank	H 80 Y 90	BD Bluetooth Dimming	DWP	Blank Alphanumeric
	2FT	25Watts	120-277V		Black						Dry Wall Pendant	
	4F	50W			W						DCP	
	4FT	50Watts			White						Drop Ceiling Pendant	
	8F	100W			SG						SM	
	8FT	100Watts			Silver Gray						Surface Mount	
											WM	
											Wall Mount	
											Blank	