VL5LED WASH

The Vari-Lite VL5LED WASH is a true modern update to the legendary VL5. This compact, high output LED wash fixture brings a host of modern features to the familiar form factor of this unique fixture. The Dichro*fusion® blades, first seen in the VL6500 WASH, supply smooth, variable diffusion while the RGBALC color system provides a wide range of rich color options. To simplify setup and programming of this color system, the innovative SmartColor Control System gives designers adjustability without complexity. The beautiful colors of the VL5LED are reflected on the Dichro*fusion® blades, which bring the vintage stylings of the original VL5 to create a strong visual element on stage. For further visual options, a separate ring of LEDs light up the Dichro*fusion® blades a different color than the light coming from source engine. The LED blade lights, along with an onboard motorized zoom, offers a range of new visual options and bring more flexibility to this classic fixture.

- Compact, high output LED wash fixture - get a high-output, Vari-Lite quality wash out of a compact LED fixture.

- High CRI RGBALC Color System with SmartColor Control - wide range of vivid color options that are easy to program.

- Classic VL5 form factor and Dichro*fusion® diffusion blades - vintage styling reminiscent of the legendary VL5, offering a strong visual elementon stage.

- LED blade lights with built-in effects - LEDs light up the blades a different color than the beam, with chases and other built-in effects. Add a new, easy-to-program creative element to this iconic fixture.

- Motorized zoom and variable diffusion - beautiful wash options available for any application.

- Quiet operation with Standard, Studio, and Whisper modes - perfect for use in quiet environments.

- Comes ready to tour – ships with flight case foam insert as standard.

- Optional lens kit available – even wider application look.

For detailed product information, please refer to the Product Guide at https://www.vari-lite.com/global/products/v5led-wash

VL5LED_WASH

Specifications

Due to continuous improvements and innovations, specifications may change without notice.

Source

LED	18 x Hex chip RGBALC + 18 x RGB Tri chip
Source Max Power Consumption	18 x 60 W
LED Refresh Rate	900Hz to 25kHz
Dimming	Electronic 16-bit
Dimmer Curves	Square Law (Default), Linear, S -Curve
Dimmer Control Option	Dimmer Snap On/Off
	On reduces auto dimmer smoothing
Tungsten Fade	Selectable on/off
Strobe Speed	0 - 30Hz
Strobe Modes	Continuous, Random, Random Sync

Optical Performance

Lens Size	203 mm (8.0 in)
Zoom Range	8 - 35°
Zoom Control	Motorized 16-Bit
Output Lumens	Standard - 14,000
	Studio - 12,000
	Whisper - 9,000
Smart Color CCT	1800 K to 10000 K
CRI RA	> 90
Tm30	Rf 87.9 / Rg 104.5
CQS	92

Color System

Additive Color Mixing	RGBALC
Color Mixing Control	Smart Color Control, Open Source, Quick Color
Color Calibration	Selectable On/Off
Color Mixing Control	Color Snap On/Off
Option	On reduces auto smoothing color to create faster color changes
Variable CTT Control	1800 to 10000 K (Smart Color Mode)
Color Presets	32 Calibrated Colors
Color Preset Effects	Color Preset Chase
Chromatic Aberration Cotnrol	Magenta / Green shift control

Imaging

Visual Effects System	
16 dedicated - Color mixing LED Blade lights, with macro effects, DMX controlled modifiers, full pixel-mappable mode available	
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Electrical

Max output Power Consumption	1,320 W
Power Connection	Neutrik TrueOne - Power in only
	Power cable not included - input connector only
Input Voltage	100-240 VAC, 50 / 60 Hz

Data

Supported Protocols	DMX (RDM), ArtNet, sACN
DMX Modes	
16-Bit	29 / 33 / 77 Channels
Open Source Control	33 / 36 / 81 Channels
Data Connections	
5 - Pin XLR Input and Thru, RJ45 Input, USB (Diagnostics - Firmware)	
Blade Pixel LED	0 / 1 / 16 Pixels
Manual Preset Mode	Advanced Feature local control

Noise Level / Fan Control (Base level 18.6 dB)

Standard Mode	44.5 dB
Fan Mode	Continuous (On) / Auto Ramping
Fan Level Preset	Standard, Studio, Whisper
Cooling System Type	Hybrid sealed liquid and forced air system

Movement

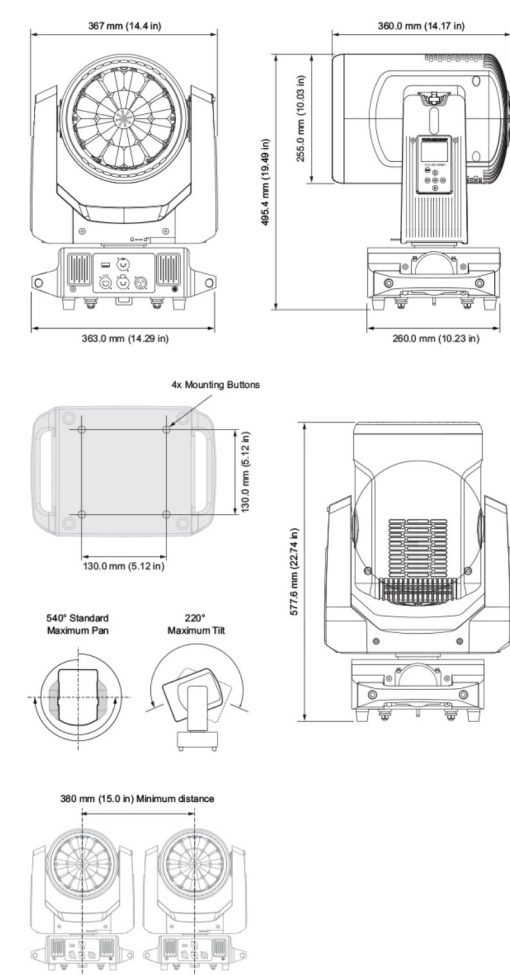|	
Pan Angle	540°
Pan Speed	2.7s / 3s
Tilt Angle	220°
Title Speed	1.4s

Mounting

Hanging Type	2 x VL Hook Rails - Short
Hanging Centers	380.0 mm (15.0 in)
Fixture mounting/Hanging orientation	Hanging - Floor - Side
	*See user manual for side hang guidance and restrictions
Secondary Safety Wire Point	1 x Safety point located on underside of upper enclosure
	Safety Wire not included

Photometrics and IES Files

Narrow @ 5 m / 16.4 ft	17,190 lux (1,597 fc)
Wide @ 5 m / 16.4 ft	1,192 lux (111 fc)
Narrow @ 10 m / 32.8 ft	4,298 lux (399 fc)
Wide @ 10 m / 32.8 ft	298 lux (28 fc)

For IES files and photometric reports, please refer to the product page:

https://www.vari-lite.com/global/products/v5led-wash

Dimensions

Physical

Construction	Superstructure made of Aluminum, and steel metal plates, Covers self-extinguishing fire retardant ABS PC (V0 class)
IP Rating	IP20
Standard Finish	Black
Dimensions	367 x 578 x 360 mm (14.0 x 23.0 x 14.0 in)
Packed Dimensions	690 x 440 x 330 mm (27.0 x 17.0 x 13.0 in)
Fixture Weight	24.0 kg (52.0 lb)
Packed Weight	32.0 kg (70.0 lb)
Operating Temperature	-55C (14-113°F)

Certification and Safety

Approbations	CE, ETL, UL, FCC CSA, RoHS, ISO 9001

Luminaire and Accessories

Product type	Order Code
VL5LED WASH	912400575018
VL5LED Wash, White	912400575019

Accessories

VL5LED WASH Lens Accessory Kit	912400575006
VL5LED WASH, Lens accessory kit, includes 10° diffusion lens, 30° diffusion lens, 10°x40° lenticular lens, LED blade diffusion ring* and accessory clamps.	
VL5LED WASH Top Hat Black	912400576353
VL5LED WASH, Top hat, Black	
VL5LED WASH Top Hat White	912400576851
VL5LED WASH, Top hat, White	

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