

# VL5LED WASH

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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 element on 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 [www.vari-lite.com/global/products/v5led-wash](http://www.vari-lite.com/global/products/v5led-wash)



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# 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	Electronic
Strobe Modes	Continous, Random, Random Sync

## Optical Performance

Zoom Range	8 - 35°
Zoom Control	Motorized 16-Bit
Output Lumens	Standard - 14,000 Studio - 12,000 Whisper - 9,000
Default Output Color Temperature	3200 K (Smart Color Mode)
CRI RA	> 90
Tm30	Rf 87.9 / Rg 104.5
CQS	92.3

## Color System

Additive Color Mixing	RGBALC
Color Mixing Control	Smart Color Control, Open Source, Quick Color
Color Calibration	Selectable On/Off
Color Mixing Control Option	Color Snap On/Off On reduces auto smoothing color to create faster color changes
Variable CTT	1800 to 10000 K (Smart Color Mode)
Color Presets	Dedicated calibrated color presets
Color Preset Effects	Color Preset Chase
Chromatic Aberation	Dedicated green / magenta shift channel (smart color mode)

## Imaging

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

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 5 - Pin XLR Input and Thru, RJ45 Input, USB (Diagnostics - Firmware)
DMX Modes	
Smart Color Control	29 / 33 / 77 Channels
Open Source Control	33 / 36 / 81 Channels
Blade Pixel LED	0 / 1 / 16
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	Forced Air
Advance Fan/Noise Control	SmartFan Control User Definable Variable Speed Fan Control by DMX

## Movement

Pan Angle	540°
Pan Speed	2.7s / 3s
Tilt Angle	226°
Title Speed	1.4s

## Mounting

Hanging Type	VL Short rails 380 mm (15.0 in)
Fixture mounting/Hanging orientation	Hanging - Floor - Side
Secondary Safety Wire Point	1 x Safety point located on underside of upper enclosure Safety Wire not included

## Certification and Safety

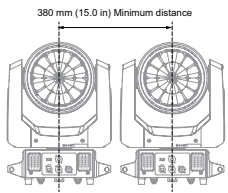
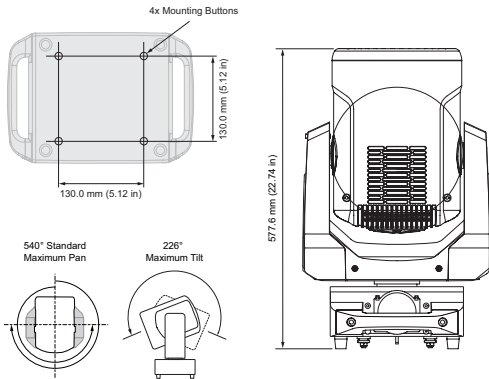
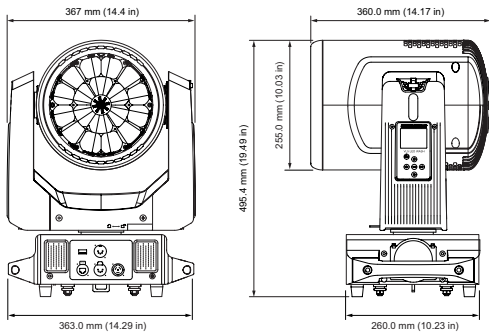
Approbations	CE, ETL, UL, FCC CSA, RoHS, ISO 9001
IP Rating	IP20

## 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: [www.vari-lite.com/global/products/v5led-wash](http://www.vari-lite.com/global/products/v5led-wash)

# Dimensions



## Physical

Construction	Metal frame, Plastic covers
Standard Finish	Black, White
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	-10-45C (4-113°F)

# Luminaire and Accessories

<b>Product type</b>	<b>Order Code</b>
VL5LED WASH, Black	912400575018
VL5LED WASH, 18 x Hex chip RGBALC LED, c/w 2 x VL 150mm Rails, power input connector Flightcase foam insert, Black	
VL5LED WASH, White	912400575019
VL5LED WASH, 18 x Hex chip RGBALC LED, c/w 2 x VL 150mm Rails, power input connector Flightcase foam insert, White	
<b>Accessories</b>	
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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