

VARI***LITE**

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.





VL5LED WASH

FEATURES AND BENEFITS

- **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

LIMITED WARRANTY

Every Vari-Lite product is backed by a minimum 2-year limited warranty against manufacturing defects and workmanship. Refer to the Vari-Lite Limited Warranty Card available at www.vari-lite.com/global/support/warranty for more details.

SOURCE

Type	Osram RGBALC LED
Wattage	18 x 60W

OPTICAL PERFORMANCE

Output lumens	14,000
Output CRI	>90
TM-30*	Rf 87.9 / Rg 104.5
CQS	92.3
Output CCT	Variable 1800-10,000K

	LUX	FOOT-CANDLES
Narrow @ 5m / 16.4 ft	17190	1597
Wide @ 5m / 16.4 ft	1192	110.7
Narrow @ 10m / 32.8 ft	4298	399.3
Wide @ 10m / 32.8 ft	298	27.7

*full TM-30 photometric data available for download at www.vari-lite.com

VL5LED WASH

BEAM

Zoom range	8-35°
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SPECIAL EFFECTS

Visual effects	16 dedicated - Color mixing LED Blade lights, with macro effects, DMX controlled modifiers, full pixel-mappable mode available
Strobe effects	Strand rate variable - 0.5 to 25fps
Main array	Regular, random, and random sync
LED blade	Regular, random and random sync

COLOR SYSTEM

Color mixing	RGBALC
CTO	Dedicated black body curve channel (smart color mode)
Green shift	Dedicated green / magenta shift channel (smart color mode)
Color preset	Dedicated calibrated color presets

MOVEMENT

Max pan angle	540° / 630°
Full pan speed	2.7s / 3s
Max tilt angle	226°
Full tilt speed	1.4s

NOISE LEVELS / FAN CONTROL (BASE LEVEL 18.6db)

1m Full operation Full output db. Fan on continuous	Standard mode	44.5 dB
	Studio mode	TBD
	Whisper mode	TBD
Fan preset modes	Standard, Studio, Whisper	
Fan run mode	Auto or continuous (on)	
Additional fan control	Variable fan speed channel *standard mode only	

USER INTERFACE

Type	6-button color screen with battery back up and auto rotate
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CAMERA CONTROL

LED refresh rate	Adjustable 900Hz to 25kHz (default 1500Hz)
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POWER

Range	120-240V at 50/60Hz
Connection	Power in only
Connector type	Neutrik TrueOne
Wattage (max)	1320W



VL5LED WASH

DATA

Control protocols	DMX / RDM, ArtNet, sACN	
Data connections	XLR 5 in & Thru	
	RJ45 Ethercon	
	USB (diagnostics - firmware)	
DMX modes	Smart Color Control	Open Source Color Control
Blade pixel Group 0*	29 Channels	33 Channels
Blade pixel Group 1	32 Channels (Default)	36 Channels
Blade pixel Group 16	77 Channels	81 Channels

*Blade pixel group 0 has no blade pixel RGB control color presets and macro effects only

PHYSICALS

IP rating	20	
Finish	Black	

ENVIRONMENT

	°C	°F
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Operating temperature	-10 to 45	4 to 113
Ingress protection	IP20	

DIMENSIONS (H x W x L)

	mm	in
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Fixture only	578 x 367 x 360	23 x 14 x 14
Packed dimensions	690 x 440 x 330	27 x 17 x 13
Hanging type	Vari-Lite mini rails	
Hanging centers	380	15

WEIGHT

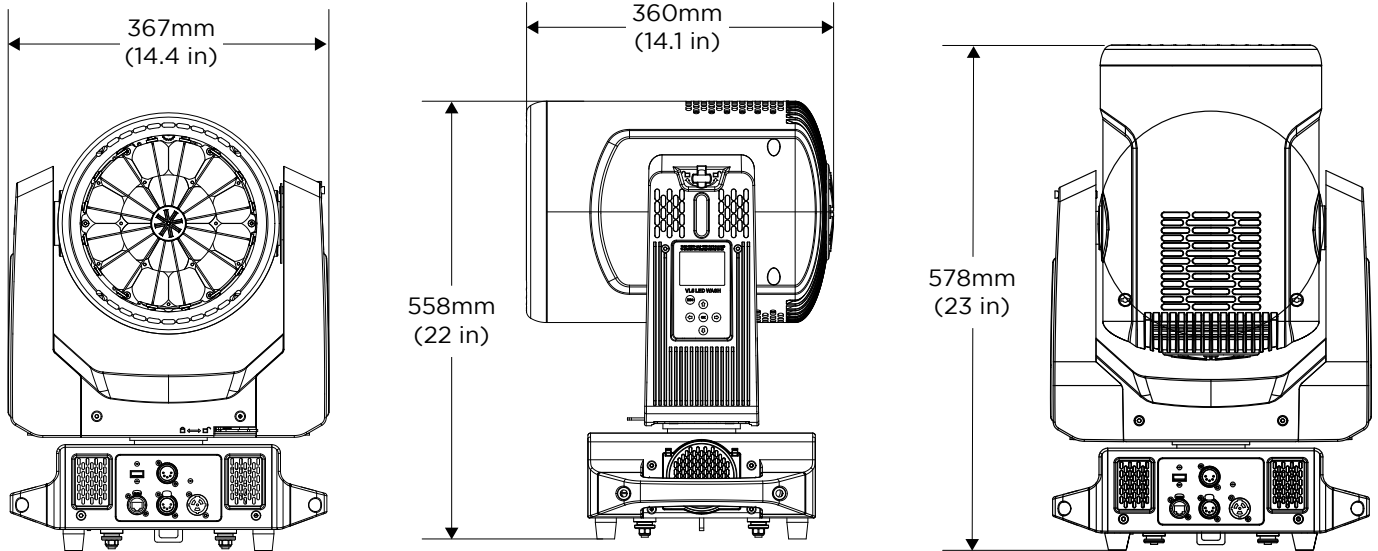
	kg	lb
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Fixture only	23.5	52
Packed weight	32	70

APPROBATIONS

Approval / listings	CE, ETL, UL, FCC CSA, RoHS, ISO 9001	  Intertek
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VL5LED WASH



PRODUCT NAME	ORDER CODE
VL5LED WASH	912400575018
ACCESSORIES	ORDER CODE
VL5LED WASH lens accessory kit – includes 3° diffusion lens, 10° diffusion lens, 10°x40° lenticular lens, LED blade diffusion ring* and accessory clamps	912400575006
VL5LED WASH tophat	912400576353

NOTE:

*Blade diffusion ring mounts in clear front fixture lens and does not use accessory clamps

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