

VL3200 LT PROFILE IP

Date: _____

Type: _____

Firm Name: _____

Project: _____

The Vari-Lite VL3200 LT Profile IP is a compact, long-throw production profile fixture designed at the forefront of optical technology to provide superior output in a lighter weight, outdoor-rated fixture. With a 550W monochromatic light engine producing 22,000 lumens of true output, the VL3200's small size and huge output power is ready to light the show from any distance in any weather. Thanks to a CMY+CTO color mixing system, the fixture produces a wide range of rich colors while eliminating the appearance of blades in the lens, improving direct view applications. A workhorse fixture with the widest set of tools to create the most amazing effects on more shows, the VL3200 is perfect for long-distance key lighting, powerful mid-air effect lighting, and everything in between. The fixture includes fixed and indexing/rotating gobo wheels, an animation wheel, dual prisms, frost, a 4-blade continuous wipe framing system, a 16-leaf variable iris, and a 15:1-ratio zoom range of 3° to 45°.



- Long throw production profile luminaire with small footprint and high levels of illumination (>22,000 Lux @ 10m / 4722fc @ 32ft.) – high-output lighting in a compact fixture.
- Optimized long throw optical system offering a 3° to 45° zoom range – tailored zoom for key lighting at distance.
- IP65 outdoor rating – outstanding performance no matter the weather.
- CMY+CTO graduated color wheel mixing system – provides a wide color mixing spectrum with a homogenization of color that completely fills the front lens at all times, improving direct view applications on stage or on camera.
- Full set of fixture features to meet the needs of the most demanding show – two gobo wheels with interchanging gobos, continuous animation wheel, four blade full wipe framing system, iris, frost, and dual prism system which includes both an effects and scenic prism.
- V*Track Focus System – advanced 16-bit focus control that ensures the edge and zoom remain aligned throughout the full zoom range with no need to switch between controls at the narrowest end of the range.
- V*Track Calibration* System – Size and power with none of the unwanted movement. Limit movement during calibration and reduce start up time. reduce risk of the fixture hitting set objects or shaking the rig. *Patent pending
- Wireless DMX using Lumen Radio CRMX TimoTwo™ – cable-free connection of your DMX / RDM data to the fixture fitted as standard. Dynamic wireless system that ensures an improved cognitive coexistence across wireless networks.

For detailed product information, please refer to the Product Guide at <https://www.vari-lite.com/global/products/vl3200-lt-profile-ip>



VARI*LITE

Specifications

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

Source

LED System	Monochromatic Light Engine
Source Max Power Consumption	500 W
Source Lumens	43000
Source CCT	7500 K
LED Refresh Rate	500Hz 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
Strobe Speed	0 - 30Hz
Strobe Modes	Continuous, Random, Random Sync

Optical Performance

Lens Size	160 mm (6.3 in)
Zoom Range	3 - 45°
Zoom Control	Motorized 16-Bit
Focus	Motorized 16-Bit Control
	V*Track Focus: Focus Track on/off
Output Lumens	Standard - 22,000
Output CCT	7500 K
CRI RA	Standard - 78
TM30	Standard - Rf 68 / Rg 94

Color System

Subtractive Color Mixing	CMY Graduated Glass Wheels
Color Mixing Control	CMY 8-bit
Color Mixing Control Option	Color Snap On/Off
	On reduces auto smoothing color to create faster color changes
Variable CTO	7500 to 3200 K
Fixed Color Wheel	6 Colors + Open
Color Wheel Effects	Split Colors, Color Wheel Spin, and Shake

Imaging

Framing Shutters	4 Blade - Full Wipe
	+/-60° rotation
Effects Prism	3 Facet Round
Scenic Prism	4 Facet Linear
Prism Features	Index/Rotation, MegaStep, Dual Overlay
Beam Softening	Variable control - Medium Frost
Iris	16 leaf iris open to 80% closing, Iris pulse effect

Electrical

Max output Power Consumption	660 W
Power Connection	TrueOne Compatible Input & Thru
	*Power cable not included - input connector only
Input Voltage	120-240 VAC, 50 / 60 Hz

Data

Supported Protocols	DMX (RDM)
DMX Modes	
16-Bit Enhanced	51 Channels
16-Bit	46 Channels
Data Connections	5-pin XLR, Wireless DMX (Lumen Radio), USB Data

Noise Level / Fan Control (Base Level 31 dB)

Standard Mode (Fan Auto)	38.5 dB
Studio Mode (Fan Auto)	35.3 dB
Whisper Mode (Fan Auto)	33.8 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	2.8 s
Tilt Angle	260°
Tilt Speed	1.39 s
Calibration System	V*Track Calibration

Mounting

Hanging Type	2 x VL Hook Rails M
Hanging Centers	694.0 mm (27.3 in)
Mounting/Hanging Orientation	Hanging - Floor - Side
	*See user manual for side hang guidance and restrictions
Secondary Safety Wire Point	2 x Safety point located on underside of upper enclosure
	Safety wire not included

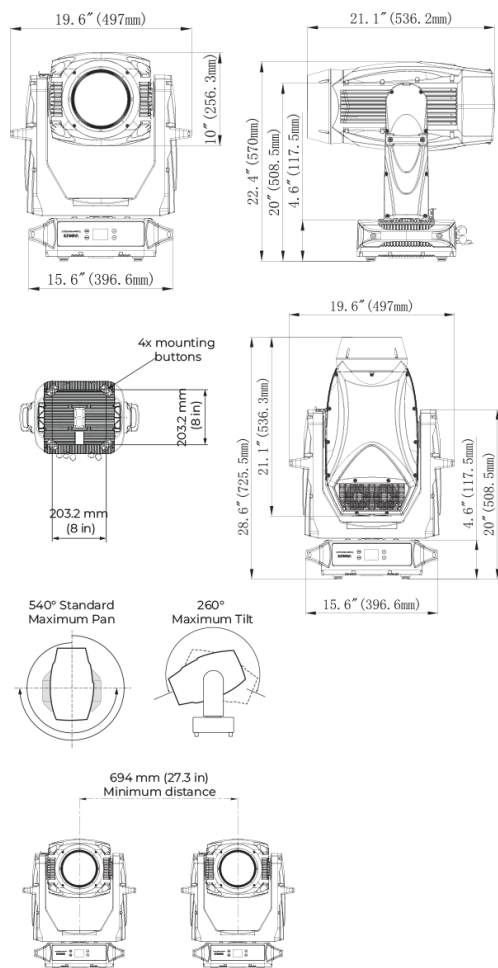
Photometrics and IES Files

3° Beam @ 5m / 16.4 ft	88,400 lux (8,212 fc)
3° Beam @ 10m / 32.8 ft	22,400 lux (2,081 fc)
45° Beam @ 5 m / 16.4 ft	1,460 lux (136 fc)
45° Beam @ 10 m / 32.8 ft	506 lux (47 fc)

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

<https://www.vari-lite.com/global/products/vl3200-lt-profile-ip>

Dimensions



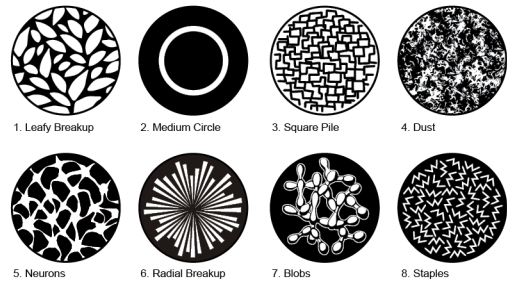
Physical

Construction	Superstructure made of Aluminum, magnesium and steel metal plates, Covers Die Cast Magnesium
IP Rating	IP65
Standard Finish	Black, White
Dimensions	497 x 725 x 584 mm (20.0 x 29.0 x 11.0 in)
Fixture Weight	35.0 kg (77.2 lb)
Surface Treatment	A minimum of 1500 hours continuous for salt spray resistant finish
Operating Temperature	-10-45°C (4-113°F)

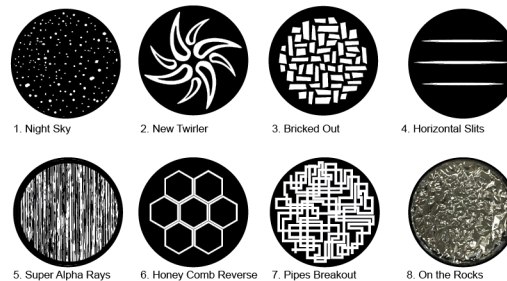
Certification and Safety

Approbations	CE, CB, UKCA, UL, CSA, ETL, FCC, RCM, ISED
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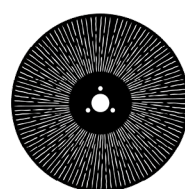
Gobo Wheel 1



Gobo Wheel 2



ANIMATION WHEEL



Gobo and Effect Wheels

Gobo Wheel 1	Fixed 8 + Open Interchangeable
Gobo Wheel 2	Rotating/Indexable 8 + Open Interchangeable
Graphical Animation Wheel	Rotating/Indexable 1 + Open

Luminaire and Accessories

Product type	Order Code
VL3200 LT PROFILE, Touring Black	74812-020
VL3200, LT PROFILE IP, 500w Monochromatic Light Engine , c/w 2 x VL Rails and power input connector, Black	
VL3200 LT PROFILE, Touring White	74812-120
VL3200, LT PROFILE IP, 500w Monochromatic Light Engine , c/w 2 x VL Rails and power input connector, White	

Accessories	
Luminaire Programming Kit - Software / Firmware Uploader	PEGASUS



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