

# VL800 EVENTPROFILE

Date: \_\_\_\_\_

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Project: \_\_\_\_\_

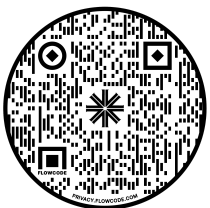
The Vari-Lite VL800 EVENTPROFILE is a compact LED event profile fixture that has the DNA of Vari-Lite built in. This high output framing profile luminaire offers full CYM+CTO color mixing and the signature “Vari-Lite smooth” movement that designers expect. The VL800 EVENTPROFILE, available in black or white body options, includes professional-grade features in a small, tour-ready form factor, supplying a fixed color wheel; static and rotating gobo wheels; and prism, frost, and iris. With camera-ready frequency adjustment options and multi-mode fan control, the VL800 EVENTPROFILE is ready for any application.



- Cost-effective, high output LED profile built by Vari-Lite - affordable LED framing profile from a brand you trust.
- Full CMY-CTO color mixing - variable color mixing with saturation control, offering numerous vivid and creative color options.
- Static and rotating gobo wheels, prism, frost, and iris - professional features in a small form factor. Multiple visual options for a variety of uses.

- Multi-mode fan control - adjust settings to control fan noise. Offers a low dB experience across all frequencies, eliminating buzzing or hums from an otherwise quiet device. Mode options include standard, studio, and whisper mode.
- Adjustable frequency to exceed camera frame rates - camera friendly fixtures for IMAG or live televised events.

For detailed product information, please refer to the Product Guide at <https://www.vari-lite.com/global/products/vl800-eventprofile>



## VARI\*LITE

# Specifications

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

## Source

LED	Monochromatic Light Engine
Source Max Power Consumption	350 W
Source Lumens	30000
Source CCT	6500 K
LED Refresh Rate	900Hz to 4000Hz
Dimming	Electronic 8-bit / 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	114 mm (4.5 in)
Zoom Range	8 - 40°
Field Angle	10.4 - 57.5°
Zoom Control	Motorized 8-Bit
Focus	Motorized 16-Bit Control
Output Lumens	Boost - 17,000 Standard - 13,000 Studio - 10,400 Whisper - 8,000
Output CCT	6500 K
CRI RA	76
Tm30	Rf 52 / Rg 122

## Color System

Subtractive Color Mixing	CMY Graduated Glass Wheels
Color Mixing Control	CMY 8-bit
Color Mixing Control Option	Color Snap On/Off Reverse spin color wheel for fast color snap 0-100%
Variable CTO	6500 to 2700 K
Fixed Color Wheel	6 Colors + Open
Color Wheel Effects	Split Colors, Color Wheel Spin, and Shake

## Imaging

Framing Shutters	4 Blade - Full Wipe +/-90° rotation
Effects Prism	3 Facet Round
Prism Features	Index/Rotation, MegaStep
Beam Softening	Variable control - Medium Frost
Iris	16 leaf iris open to 80% closing

## Electrical

Max output Power Consumption	575 W
Power Connection	TrueOne Compatible - In / Thru 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 Enhanced	45 Channels
16-Bit	40 Channels
Clone Mode	35 Channels
Data Connections	5 - Pin XLR Input and Thru, RJ45 Input
Manual Preset Mode	Advanced Feature local control

## Noise Level / Fan Control (Base Level 18.6 dB)

Standard Mode	43.6 dB
Studio Mode	37.8 dB
Boost mode	Boost mode
Fan Mode	Continuous (On) / Auto Ramping
Fan Level Preset	Boost, Standard, Studio
Cooling System Type	Hybrid sealed liquid and forced air system

## Movement

Pan Angle	540°
Pan Speed	3.4 s
Tilt Angle	270°
Tilt Speed	2.5 s

## Mounting

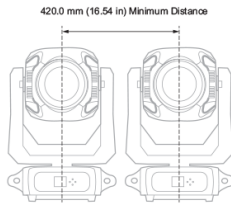
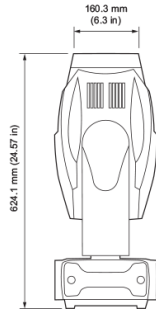
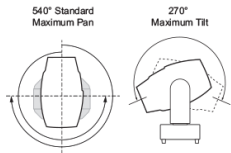
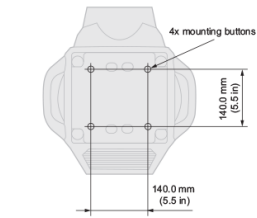
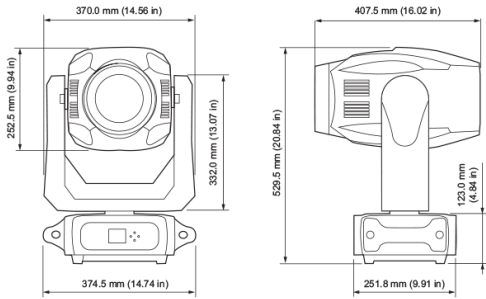
Hanging Type	2 x 140mm Omega Bracket
Hanging Centers	400.0 mm (16.0 in)
Fixture mounting/Hanging orientation	Hanging - Floor - Side *See user manual for side hang guidance and restrictions
Secondary Safety Wire Point	1 x Safety point located on underside of upper enclosure Safety Wire not included

## Photometrics and IES Files

Narrow @ 5 m / 16.4 ft	27,300 lux (2,537 fc)
Wide @ 5 m / 16.4 ft	6,900 lux (378 fc)
Narrow @ 10 m / 32.8 ft	4,060 lux (645 fc)
Wide @ 10 m / 32.8 ft	480 lux (49 fc)

For IES files and photometric reports, please refer to the product page:  
<https://www.vari-lite.com/global/products/vl800-eventprofile>

# 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, White
Dimensions	375 x 624 x 408 mm (15.0 x 25.0 x 16.0 in)
Packed Dimensions	720 x 470 x 385 mm (28.0 x 19.0 x 15.0 in)
Fixture Weight	21.0 kg (46.0 lb)
Packed Weight	29.0 kg (64.0 lb)
Operating Temperature	0-40°C (32-104°F)

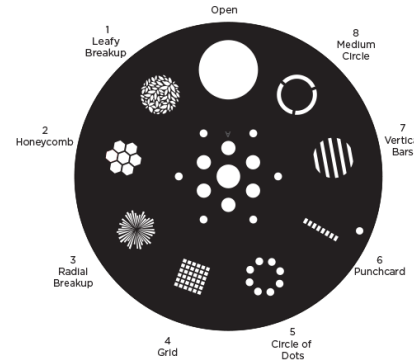
## Certification and Safety

Approbations	CE, ETL, UL, FCC CSA, RoHS, ISO 9001
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## Gobo Wheel 1



## Gobo Wheel 2



## Gobo and Effect Wheels

Gobo Wheel 1	Rotating/Indexable 7 + Open Interchangeable
Gobo Diameter / Thickness	22.5 mm x 1.1 mm
Image Size	18 mm
Gobo Wheel 2	Fixed 8 + Open
Gobo Wheel Features	MegaStep, Twist, Shake, Wheel Spin

# Luminaire and Accessories

Product type	Order Code
VL800 EVENTPROFILE, Black Includes 2 x Omega Bracket and Power Input Connector	912400575005
VL800 EVENTPROFILE, White Includes 2 x Omega Bracket and Power Input Connector	912400576845

Accessories	
Omega Bracket	3002001497
VL/Strand Omega Bracket , 1 x 140mm Bracket, compatible with VL800 EVENTPROFILE,	



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