

VL2600 SPOT

Date: _____

Type: _____

Firm Name: _____

Project: _____

The VL2600 SPOT offers a broad choice of saturated colors using a CMY color system and variable CTO adjustment. The fixture offers a wide range of effects, including include Iris, two rotating gobo wheels and one fixed, plus additional color wheel, prism and variable frost.



- Lower power consumption – approx. 820 W (550 W LED engine).
- High output - 19,000 lumens.
- High color temperature – 7200 K.
- Good color rendering.
- Flat, even beam.
- High contrast ratio.
- Wide zoom range – 7° to 48°

- Color mixing – CMY and variable CTO.
- Fixed color wheel (7 + open).
- Beam reduction – Iris.
- Fast and accurate movement (FP=3s, FT=2s).
- Split-beam effects – 1 x 3-facet prism.
- Beam diffusion – variable frost.

For detailed product information, please refer to the Product Guide at <https://www.vari-lite.com/global/products/vl2600-spot>



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Specifications

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

Source

ESE LED System	Monochromatic Light Engine
Source Max Power Consumption	550 W
Source Lumens	36000
Source CCT	8000 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	180 mm (7.0 in)
Zoom Range	7 - 48°
Zoom Control	Motorized 16-Bit
Focus	Motorized 16-Bit Control
Output Lumens	Standard - 19,000
Output CCT	7200 K
CRI RA	84
Tm30	Rf 80 / Rg 94

Color System

Subtractive Color Mixing	CMY Glass Flags
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	7200 to 3200 K
Fixed Color Wheel	7 Colors + Open
Color Wheel Effects	Split Colors, Color Wheel Spin, and Shake

Imaging

Effects Prism	3 Facet Round
Prism Features	Index/Rotation, MegaStep
Beam Softening	Variable control - Light Frost
Iris	16 leaf iris open to 80% closing

Electrical

Max output Power Consumption	820 W
Power Connection	Neutrik TrueOne - In / Thru Power cable not included - input connector only
Input Voltage	100-240 VAC, 50 / 60 Hz

Data

Supported Protocols	DMX (RDM), ArtNet
DMX Modes	
16-Bit Enhanced	46 Channels
16-Bit	41 Channels
Data Connections	5 - PIN XLR Input & Thru, RJ45 Input
Manual Mode	On Board local Control

Noise Level / Fan Control (Base Level 30 dB)

Standard Mode	48.5 dB
Studio Mode	43 dB
Silent Mode (UI Activation Only)	31 dB
Fan Mode	Continuous (On) / Auto Ramping
Fan Level Preset	Standard / Studio / Silent* (*UI Only)
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 VL Hook Rails
Hanging Centers	600.0 mm (24.0 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

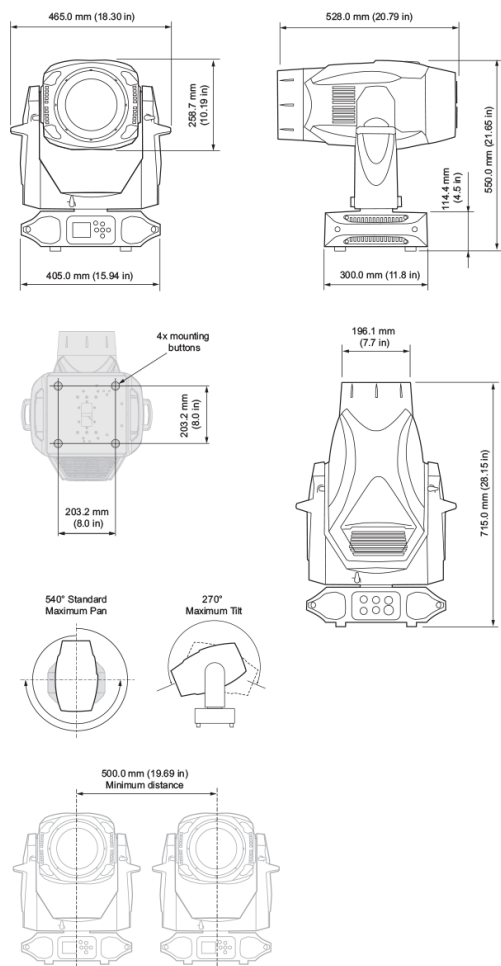
Photometrics and IES Files

7° Beam @ 5 m / 16.4 ft	49,075 lux (4,559 fc)
48° Beam @ 5 m / 16.4 ft	1,290 lux (120 fc)
7° Beam @ 10 m / 32.8 ft	12,300 lux (1,143 fc)
48° Beam @ 10 m / 32.8 ft	326 lux (31 fc)

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

<https://www.vari-lite.com/global/products/vl2600-spot>

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	300 x 464 x 715 mm (12.0 x 18.0 x 29.0 in)
Fixture Weight	33.0 kg (73.0 lb)
Operating Temperature	-10-45°C (14-113°F)

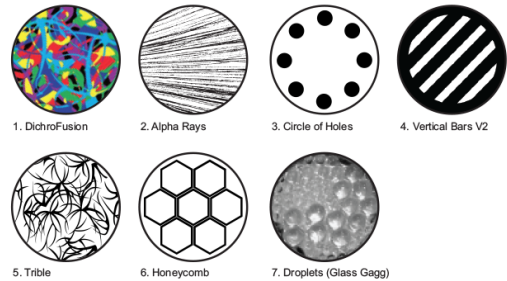
Certification and Safety

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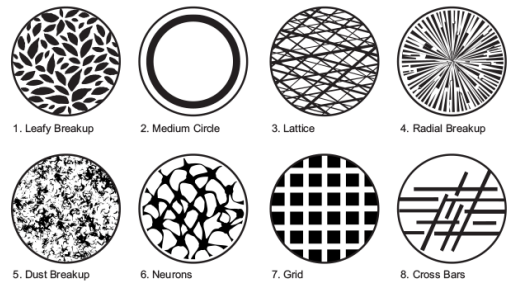
Gobo Wheel 1



Gobo Wheel 2



Gobo Wheel 3



Gobo and Effect Wheels

Gobo Wheel 1	Rotating/Indexable 7 + Open Interchangeable Gobo Diameter / Thickness 27 mm x 1.1 mm Image Size 17 mm
Gobo Wheel 2	Rotating/Indexable 7 + Open Interchangeable Gobo Diameter / Thickness 27 mm x 1.1 mm Image Size 17 mm
Gobo Wheel 3	Fixed 8 + Open Interchangeable Gobo Diameter / Thickness 27 mm x 1.1 mm Image Size 17 mm Gobo Wheel Features MegaStep, Twist, Shake, Wheel Spin

Luminaire and Accessories

Product type	Order Code
VL2600 SPOT, Black	88-105-6950-00
VL2600 SPOT, White	88-105-6950-10
Accessories	
VL2600 Spot/Profile Universal Frost holder	84-105-1870-00
VL2600 Spot/Profile, Universal Frost holder, (Replaced existing arm and glass so can be replaced by Gel)*Gel not included,	
VL2600 Gobo carrier	60-800-1758-00
VL2600 Spot / Profile Rotating Gobo carrier (no magnet) c/w spring	
VL2600 Gobo carrier	60-800-1784-00
VL2600 Spot / Profile Rotating Gobo carrier (with magnet) c/w spring	
GT Truss Rail	22.9708.0835
VL GT Truss hook rail per rail (Fits VL4000,VL6000,VL2600, VLZ, and VL10)	



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