

VL4000 SPOT

Date: _____
Type: _____
Firm: _____
Name: _____
Project: _____

Every aspect of the luminaire has been designed with performance in mind. The VL4000 SPOT boasts 33,000 lumens and features a quiet Studio mode outputting 25,000 lumens. High resolution optics ensure remarkable center-to-edge focusing and an unprecedented contrast ratio. A 5:1 zoom covers an amazing 9 to 47 degrees without sacrificing output or clarity.



- 1200 W Philips MSR Gold FastFit lamp.
- Infinity CMY cross fading system.
- 2 fixed color wheels; five positions each.
- Variable CTO color temperature correction.
- Two gobo wheels; seven rotatable, indexable positions plus open.
- Dual coated glass dimmer flags.
- Dual blade strobe system.
- Beam size iris.

- 33,000 lumens (standard mode).
- 25,000 lumens (studio mode).
- Two animation wheels; rotating indexable patterns with variable motion control.
- Zoom range from 9° to 47°.
- 5:1 zoom optics system.
- 3 facet prism with divergence control.

For detailed product information, please refer to www.vari-lite.com/global/products/vl4000-spot



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Specifications

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

Source

LAMP	PHILIPS MSR Gold PGJX50
Source Max Power Consumption	1,200 W
Source CCT	6500 K
Dimming	Mechanical glass blades / independent dual strobe blades
Dimmer Curves	Square Law (Default), Linear, S -Curve
Dimmer Control Option	Dimmer Snap On/Off On Increases speed of mechanical shutter override of glass dimmer
Strobe	Mechanical
Strobe Modes	Continuous, Random, Random Sync

Optical Performance

Zoom Range	9 - 47°
Zoom Control	Motorized 16-Bit
Output Lumens	Standard - 43,000 Studio - 35,000
Default Output Color Temperature	6000 K
CRI RA	84
Focus	Motorized 16-Bit Control

Color System

Subtractive Color Mixing	CMY Glass Flags
Color Mixing Control	CMY 8-bit
Variable CTO	6500 to 2700 K
Fixed Color Wheel 1	5 Colors + Open
Fixed Color Wheel 2	5 Color + Open
Color Wheel Effects	Opposing Color Wheel Design Split Colors, Color Wheel Spin, and Shake

Imaging

Prism	3 Facet Round
Beam Softening	Variable control - Medium Frost
Framing Shutters	4 Blade - Two Plane +/-90° rotation
Iris	16 leaf iris open to 80% closing

Electrical

Output Power Consumption	1,850 W
Power Connection	Neutrik TrueOne - Power in only Power cable not included - input connector only
Input Voltage	200-240 VAC, 50 / 60 Hz

Data

Supported Protocols	DMX512-A (RDM) 5 - Pin XLR Input and Thru, USB (Diagnostics - Firmware)
DMX Modes	
16-Bit Enhanced	57 Channels
16-Bit	52 Channels

Noise Level / Fan Control

Fan Level Preset	Standard, Studio
Cooling System Type	Forced Air

Movement

Pan Angle	540°
Tilt Angle	270°

Mounting

Hanging Type	VL rails
Hanging Centers	635 mm (25.0 in)
Fixture mounting/Hanging orientation	Hanging - Floor - Side Side hang mode
Secondary Safety Wire Point	1 x Safety point located on underside of upper enclosure Safety Wire not included

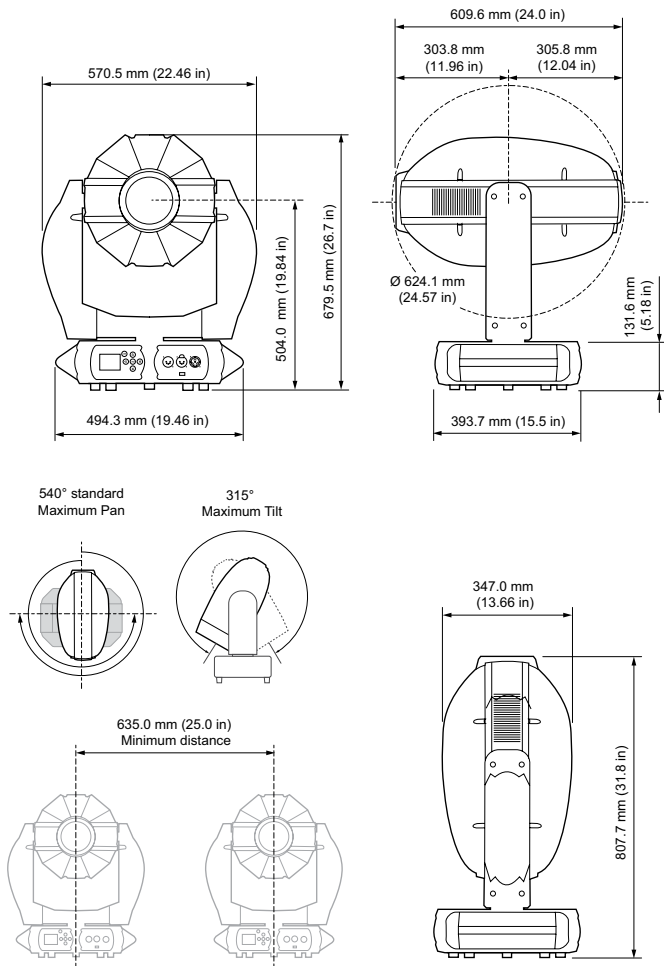
Certification and Safety

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

Photometrics and IES Files

For IES files and photometric reports, please refer to the product page: www.vari-lite.com/global/products/vl4000-spot

Dimensions



Physical

Construction	Metal frame, Plastic covers
Standard Finish	Black
Dimensions	571 x 624 x 808 mm (23.0 x 25.0 x 32.0 in)
Fixture Weight	41.0 kg (90.0 lb)
Operating Temperature (Standard Mode)	-20-40°C (-20-140°F)
Operating Temperature (Studio Mode)	-20-50°C (-20-122°F)

Gobo and Effect Wheels

Gobo Wheel 1	6 + Open Interchangeable
Material	Glass
Diameter / Thickness	37.5 mm x 1.1 mm
Image Size	29.5 mm
Gobo Wheel 2	6 + Open Interchangeable
Material	Glass
Diameter / Thickness	37.5 mm x 1.1 mm
Image Size	29.5 mm
Amination Wheel 1	1
Material	Glass
Amination Wheel 2	1
Material	Glass
Gobo Wheel/Animation Features	MegaStep, Twist, Shake, Wheel Spin

Luminaire and Accessories

Product type	Order Code
VL4000 SPOT	20.9704.0001
VL4000 SPOT, 1200w Short arc lamp, c/w 2 x VL Rails and power input connector, Black	
Accessories	
VL4000 Gobo Carrier	S21.9704.0225
VL4000 Series, VL4000 Gobo carrier	
VL4000 Gobo Carrier	S21.9704.0226
VL4000 Series, VL4000 Gobo carrier gag gobo	
GT Truss Rail	22.9708.0835
VL Hanging Rail, 1 x GT Truss drop rail, c/w VL1600, VL4000, VL2600, VLZ series and VL10,	

