



# VL4000

## NO COMPROMISES

The Power to Light Any Stage.

**VL4000 SPOT LUMINAIRE**

**PHILIPS**  
**VARI\*LITE**



## VL4000 SPOT LUMINAIRE

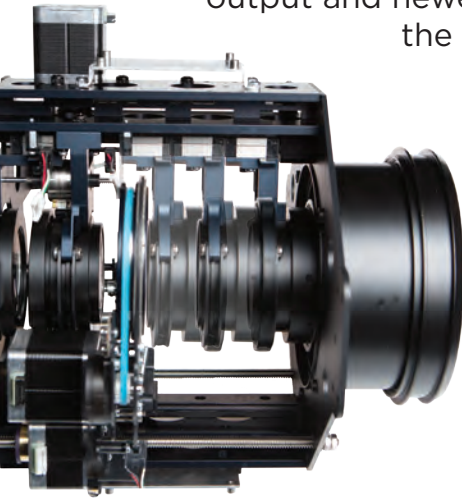
The VL4000 Spot is the first in a new generation of Vari-Lite luminaires designed to provide designers, rental companies, venues and productions with a luminaire offering unlimited possibilities without compromises.

### THE POWER TO CHOOSE

The VL4000 Spot is based on Philips 1200W lamp technology with user selectable output levels. The standard mode boasts 33,000 lumens while the Studio mode outputs 25,000 lumens. The Studio mode also operates in an ultra quiet capacity.

### Designed with Performance in Mind

With low ambient noise, high lumen output, amazing optics and a full feature set anything is now possible as we have packed in all the features you expect from a profile luminaire. Priced lower than previous Vari-Lite luminaires, Series 4000 luminaires offer more features, greater output and newer technology without compromising on any level, giving you the functionality and power you need on your stage.



### Unprecedented Optics

High resolution optics ensure remarkable center-to-edge focusing, an extremely flat and even field, as well as an unprecedented contrast ratio. A 5:1 zoom ratio covers an amazing 9 to 47 degrees without sacrificing output or clarity.

### The Most Attractive Colors

Designed with the all new Infinity Color Mix System providing CYM color mixing, variable CTO color temperature correction and dual five-position color wheels resulting in a the luminaire that has incredibly smooth color mixing whether operating in a slow fade or instant snap.



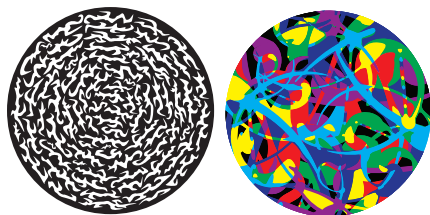
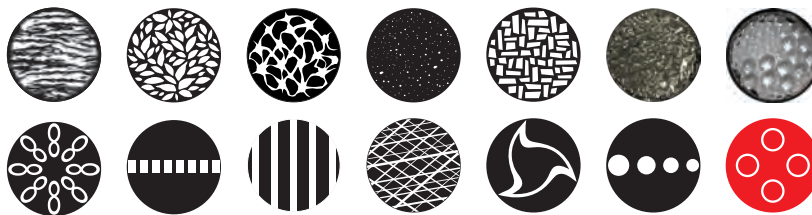
### Expand Your Possibilities

An independent indexing and rotating 3-facet prism with divergence control allows you to adjust the facet separation as well as increase image multiplication.



## Imaginative Imagery Included

The VL4000 Spot luminaire features dual rotating gobo wheels, each with seven patterns plus open. A remarkable new collection of optimized gobo patterns for both aerial and projected imagery provides unlimited possibilities.

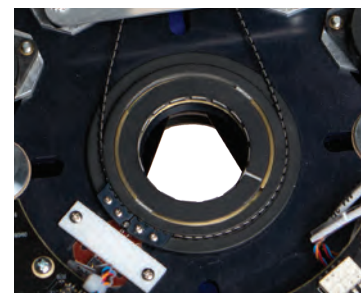


## Unique Animations

Dual animation wheels provide dynamic motion effects as well as expanded creativity from the chromatically tuned Dichro\*Fusion effect.

## Beautiful Precision Framing Shutters Combined with an Impeccable Iris

A newly designed four blade framing shutter system with dual-plane focus abilities precisely cuts the beam and gobos. The high speed iris also allows further beam manipulations.



## As Smooth as you Select

An independent variable frost system enables beam diffusion and softening.

## The Ability to Hang on Any Angle

New multi-point connections allow the luminaire to be hung at any angle while a pocketed safety cable attachment socket effortlessly ensures added safety.



## Surprisingly Quiet Operation

The VL4000 Spot features a new cooling system that quietly draws air into the fixture. An advanced Studio mode further reduces the noise level while still producing an amazing 25,000 lumens of output.

## Programmable Functions:

**Infinity Color System:** A three filter CYM cross fading system capable of extremely smooth movements at both slow and fast speeds, and a variable CTO color temperature correction system.

**Fixed Color Wheels:** Two opposing fixed color wheels each with five interchangeable color filters capable of producing multi-color effects and variable wheel rotations.

**Zoom Optics:** A 12-element 5:1 zoom optics system, covering a range from 9° to 47°.

**Beam Size Control:** A mechanical iris provides continuous beam size control for rapid and smooth timed beam angle changes.

**Framing Shutter Control:** A four-blade shutter mechanism that allows the blades to be operated independently or in unison on two planes for a clear and crisp image. The entire mechanism can rotate 50° in either direction.

**Rotating Gobo Wheels:** Two gobo wheels combine to each offer seven rotatable, indexable gobo positions and one open position.

**Animation Wheels:** Two animation wheels each offer unique rotatable, indexable patterns with variable motion control from horizontal to vertical. The unique Dichro\*Fusion pattern is chromatically tuned to provide endless color effects.

**Rotating Prism:** Independent rotating and indexing 3-facet prism with variable divergence control.

**Edge and Pattern Focus:** Variable beam focus to soften edges of gobos or spots. Remarkable depth of field capability allows morphing effects between gobo and animation wheels.

**Variable Frost:** Independent variable frost glass for continuously adjustable image softening.

**Intensity Control:** Full field dimming designed for smooth timed fades as well as quick dimming effects.

**Strobe:** High-performance dual blade strobe system capable of ultra-fast operation.

**Pan and Tilt:** Smooth, time-controlled continuous motion by way of three-phase stepper motor systems. The unit includes integral pan and tilt locks.

**Range:** Pan - 540°, Tilt - 270°.

**Accuracy:** 0.1° resolution.

## Ordering Information:

**20.9704.0001** - VL4000 Spot Luminaire, Black, Includes 1200W Short Arc Lamp

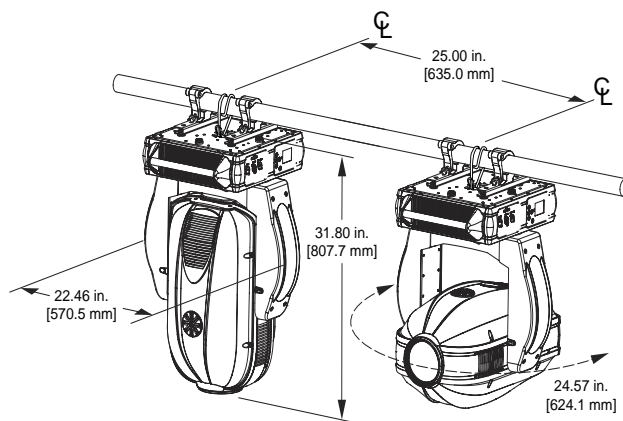
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Scan here  
for more  
info on the  
VL4000.



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## Description:

**Source:** 1200W MSR Gold FastFit Lamp

**Color Temperature:** 6000K

## Fixture Output:

Standard Mode: 33,000 lumens  
Studio Mode: 25,000 lumens

**Reflector:** Precision glass reflector system with dichroic cold mirror coating.

**Power Requirements:** Standard AC power distribution from 208 - 240VAC, 50/60 Hz. The unit requires up to 12A depending on the AC supply voltage.

**Menu System:** Full color LCD with battery powered control.

## Operational Temperature:

Standard Mode: -20° to 104°F (-29° to 40°C)  
Studio Mode: -20° to 122°F (-29° to 50°C)

**Cooling:** Forced air cooling.

**DMX Channels:** 57/52

**RDM Control:** Completely compatible with a wide variety of RDM devices.

**Mounting Position:** The VL4000 Spot can be mounted and operated in any orientation and includes multiple mounting bracket options.

**Spacing:** Hangs on 25 in. (63.5 cm) centers.

**Weight:** 90 lbs (40.9 kg)