

# VL6000 BEAM

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

Type: \_\_\_\_\_

Firm Name: \_\_\_\_\_

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

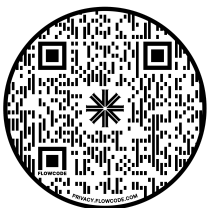
Designed specifically as the market-leading mid-air effects fixture, the Vari-Lite VL6000 Beam sets a new standard in its class. A large 356mm (14inch) front aperture – using a new exclusive ellipsoid reflector array system – produces a retro style searchlight effect, with a high output tight collimated shaft of light at 6.4°, which exceeds 55,000 lumens. Its lightweight robust construction and stylish compact design, allows the fixture to transport and install easily, while its visual effects and weather guarded design – for limited protection from rain – offer something versatile and truly spectacular for arena applications. The exclusive cloaked transition generator system can be used to create auto-timed fades between color combo to reduce programming time in transitioning colors.



- Static dynamic color system allows the VL6000 Beam to maintain its highest output at all times and gives the operator 18 direct colors from 3 color wheels as well as color mixing to achieve up to 55 full color combinations and endless split color effects.
- Produces a high output, tight collimated shaft of light at 6.4° and 55,000 lumens.
- The exclusive cloaked transition generator system can be used to create auto-timed fades between color combo to reduce programming time in transitioning colors.

- Aerial beam and image projection system consists of a variable iris reducing the 6.4° to near 1° beam angle, mid-air and projected images area produced via 7 interchangeable fully rotatable and indexable gobos, the edge sharpness and image appearance can be further adjusted via the dedicated focus channel.
- Cloud search mode allows the fixture to be operated without the need of a control console for stand alone applications.
- Includes 1500 W short Arc lamp.

For detailed product information, please refer to the Product Guide at <https://www.vari-lite.com/global/products/vl6000-beam>



# VARI\*RITE

# Specifications

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

## Source

LAMP	PHILIPS MSR Gold PGJX50
Source Max Power Consumption	1,500 W
Source CCT	6500 K / 7000 K, depending on lamp
Dimming	Mechanical glass Wheel
Dimmer Curves	Square Law (Default), Linear, S -Curve
Dimmer Control Option	Dimmer Snap On/Off On reduces auto dimmer smoothing
Tungsten Fade	Selectable on/off
Strobe Speed	0 - 30Hz
Strobe Modes	Continuous, Random, Random Sync

## Optical Performance

Lens Size	356 mm (14.0 in)
Beam Angle	6.4°
Focus	Motorized 16-Bit Control
Output Lumens	55000
Output CCT	6300 or 7000 K (Lamp specific)
CRI RA	84

## Color

### System

Fixed Color Wheel	6 Colors + Open
Fixed Color Wheel	6 Color + Open
Color Wheel	6 Color + Open
Color Wheel	Reverse Entry Color Wheel Design Split Colors, Cloak
Effects	Transition Color Generator

## Imaging

Beam Softening	Variable control - Medium Frost
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## Electrical

Max output Power Consumption	2,140 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)
DMX Modes	
16-Bit	23 Channels
Data Connections	5 - Pin XLR Input and Thru, USB (Diagnostics - Firmware)
Manual Preset Mode	Cloud Search mode

## Noise Level / Fan Control

Cooling System Type	Forced Air
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## Movement

Pan Angle	540°
Tilt Angle	242°

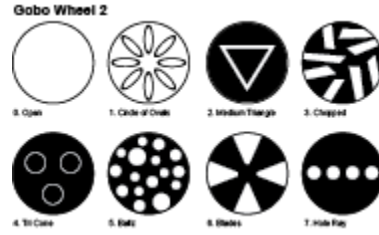
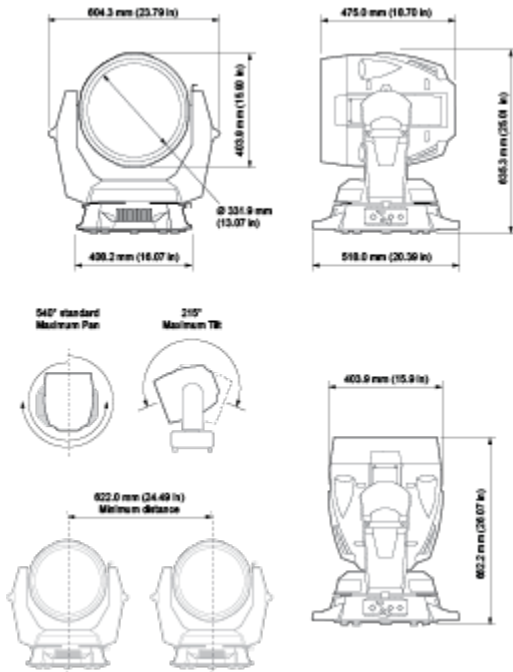
## Mounting

Hanging Type	2 x VL Hook Rails
Fixture mounting/Hanging orientation	Hanging - Floor - Side *See user manual for side hang restrictions
Secondary Safety Wire Point	1 x Safety point located on underside of upper enclosure Safety Wire not included

## Photometrics and IES Files

For IES files and photometric reports, please refer to the product page:  
<https://www.vari-lite.com/global/products/vl6000-beam>

# Dimensions



## Physical

Construction	Superstructure made of Aluminum, and steel metal plates, Covers self-extinguishing fire retardant ABS PC (V0 class)
IP Rating	IP22
Standard Finish	Black
Dimensions	604 x 662 x 518 mm (24.0 x 26.0 x 20.0 in)
Fixture Weight	28.0 kg (62.0 lb)
Operating Temperature	-20-50°C (-4-122°F)

## Certification and Safety

Approbations	CE, ETL, UL, FCC CSA, RoHS, ISO 9001
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## Gobo and Effect Wheels

Gobo Wheel 1	Rotating/Indexable 6 + Open Interchangeable
Gobo Diameter / Thickness	37.5 mm x 0.8 mm
Image Size	29.5 mm
Gobo Wheel Features	MegaStep, Twist, Shake, Wheel Spin

# Luminaire and Accessories

Product type	Order Code
VL6000 BEAM	20.9708.0001
VL6000 Beam (Includes 1500W Short Arc Lamp, rails, and power input connector.)	
Accessories	
GT Truss Rail	22.9708.0835
VL Hanging Rail, 1 x GT Truss drop rail, c/w VL1600, VL4000, VL2600, VLZ series and VL10,	
VL6000 Gobo carrier	10.9708.0212
VL6000 Series , Gobo carrier	
Gobo Retainer	10.9708.0218
VL6000 Series , Gobo retaining spring	



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