

# VL1100 LEDHP

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

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

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

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

The lighting designer's first true alternative to traditional Arc source in a moving head fixture. Unique LED engine delivering high CRI output and dimming with a consistent color temperature throughout the curve. Innovative hybrid cooling system optimizes the balance between light output and noise.



- Exclusive low-energy LED engine.
- High CRI light output.
- Color reproduction consistent with existing VL1100.
- Hybrid liquid / forced air cooling system.
- User definable control of output/noise ratio.
- 4-blade framing system ('S' version).

- CMY color mixing system.
- Continuously variable zoom range 19°-36°: super zoom angles to 70°.
- Variable fan control channel.

For detailed product information, please refer to the Product Guide at <https://www.vari-lite.com/global/products/vl1100-ledhp>



## VARI\*ITE

# Specifications

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

## Source

LED	Monochromatic Light Engine
Source Max Power Consumption	445 W
Source CCT	6500 K
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	165 mm (6.5 in)
Beam Angle	19-36°, 70° (super zoom mode)
Zoom Control	Motorized 8-Bit
Focus	Motorized 8-Bit Control
Output Lumens	17028
Output CCT	6400 K
CRI RA	72

## Color System

Subtractive Color Mixing	CMY Glass Wheels
Color Mixing Control	CMY 8-bit

## Imaging

Framing Shutters	4 Blade - Two Plane +/-90° rotation
Beam Softening	Variable Radial Frost Wheel
Iris	

## Electrical

Max output Power Consumption	650 W
Power Connection	Powercon Input Power cable not included - input connector only
Input Voltage	100–240 VAC, 50 / 60 Hz

## Data

Supported Protocols	DMX512-A
DMX Modes	
16-Bit	30 / (22-iris) Channels
Classic	27 (19-iris) Channels
Data Connections	5 - Pin XLR Input and Thru

## Noise Level / Fan Control (Base Level 19.5 dB)

Fan Mode	Continuous (On) / Auto Ramping
Fan Level Preset	
Cooling System Type	Hybrid sealed liquid and forced air system

## Movement

Pan Angle	540°
Tilt Angle	270°

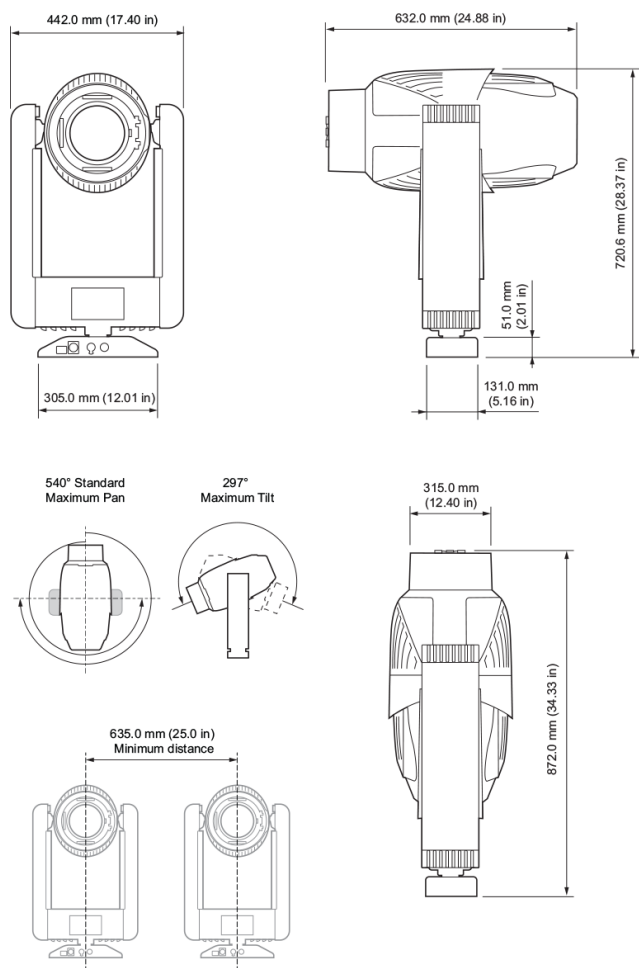
## Mounting

Through Base	2 x M10 / 1/2" bolt holes
Fixture mounting/Hanging orientation	Hanging - Floor (Thrid Party Stand Required)
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/vl1100-ledhp>

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
Dimensions	872 x 442 x 632 mm (34.0 x 17.0 x 25.0 in)
Fixture Weight	35.0 kg (76.0 lb)
Operating Temperature	0-50°C (32-122°F)

Certification and Safety

Approbations	CE, ETL, UL, FCC CSA, RoHS, ISO 9001
--------------	--------------------------------------

Gobo and Effect Wheels

Gobo Wheel 1 (Not Included)	Rotating/Indexable 5 + Open Interchangeable
Gobo Diameter / Thickness	37.5 mm x 1.1 mm
Image Size	28.5 mm

# Luminaire and Accessories

Product type	Order Code
VL1100 LEDHP	20.1602.0001.02
VL1100 LED 6500K Framing Shutter, complete power input connector (VL1100 luminaires do not include Gobos which must be purchased separately.)	
Accessories	
VL1000 / 1100 Gobo carrier	10.9663.1244
VL1000 Series Gobo carrier	



© 2024 Signify Holding. All rights reserved. All trademarks are owned by Signify Holding or their respective owners. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Data subject to change.