



VL550 Wash



VL550 80V



VL550 CD



VL1100 Tungsten



VL1100 Arc



VL1100 CD



VL2500 Spot



VL2500 Wash



VL3000 Spot
VL3000 Q Spot



VL3000 Wash
VL3000 Q Wash



VL3500 Spot
VL3500 Q Spot



VL3500 Wash
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VLX Wash



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VL550 WASH

The VARI*LITE VL550 Wash luminaire is based upon the Emmy® Award-winning VL5 Wash luminaire, but with significant design improvements, including a 50 kHz drive system that quiets the operation of all two-phase motors in the fixture during movement and while in static positions. This multi-faceted luminaire is available in four models: the VL550, VL550D, VL550CD, and VL550 80V. Plus, as an option, all models of the VL550 are available with pastel versions of the standard colors. The pastel colors offer a softer, "Broadway-type" color palette often used in live theater. In all models, the innovative DICHRO*TUNE radial color mixing system employs three sets of 16 radially mounted dichroic filters - magenta, blue, and amber - designed to produce smooth, full spectrum color cross-fades. All models are designed with natural convection cooled lamps and internally cooled electronics which utilize on-demand low velocity, low noise micro-fans.

VL550 Wash Luminaire: The most economical and lightweight version of the luminaire, the VL550 offers the warm 3200-degree color temperature of the tungsten lamp source, along with weight and space efficiency.

VL550D Wash Luminaire: This luminaire is most advantageous for those whose productions have a limited number of dimmer circuits available. It retains a warm 3200 degree color temperature, and with only a slight increase in weight, provides onboard IGBT dimming without requiring any additional cabling.

VL550 80V Wash Luminaire: The VL550 80V provides the greatest intensity of any of the tungsten luminaires in the Series 500 line. The fixture is capable of universal operation, accepting input voltages of 100 to 240 VAC to drive the same 80 volt lamp at any location worldwide. The combination of stunning brightness and the patented DICHRO*TUNE color system with the convenience of onboard dimming of a tungsten source, make the VL550 80V a fixture that is unmatched in performance by any other luminaire.

VL550CD Wash Luminaire: When less power consumption is a priority, but you don't want to sacrifice performance, the VL550CD utilizes a 315W ceramic discharge lamp that offers the color temperature of tungsten, a high CRI, and an incredibly long rated life of 8,000 hours.

* Emmy® is a registered trademark of the National Television Academy (NTA).



VL550 model

- Optional 1200 W or 1000 W tungsten lamp
- More than 6,000 (120V) or 4,700 (230V) lumens (dependent upon lamp and lens type)
- Field angle from 13.0° to 43.3° (dependent upon lamp and lens type)
- 16 radially mounted diffuser planes to control beam spread

VL550D model

- Same features as VL550
- Internal silent IGBT electronic dimmer

VL550CD model

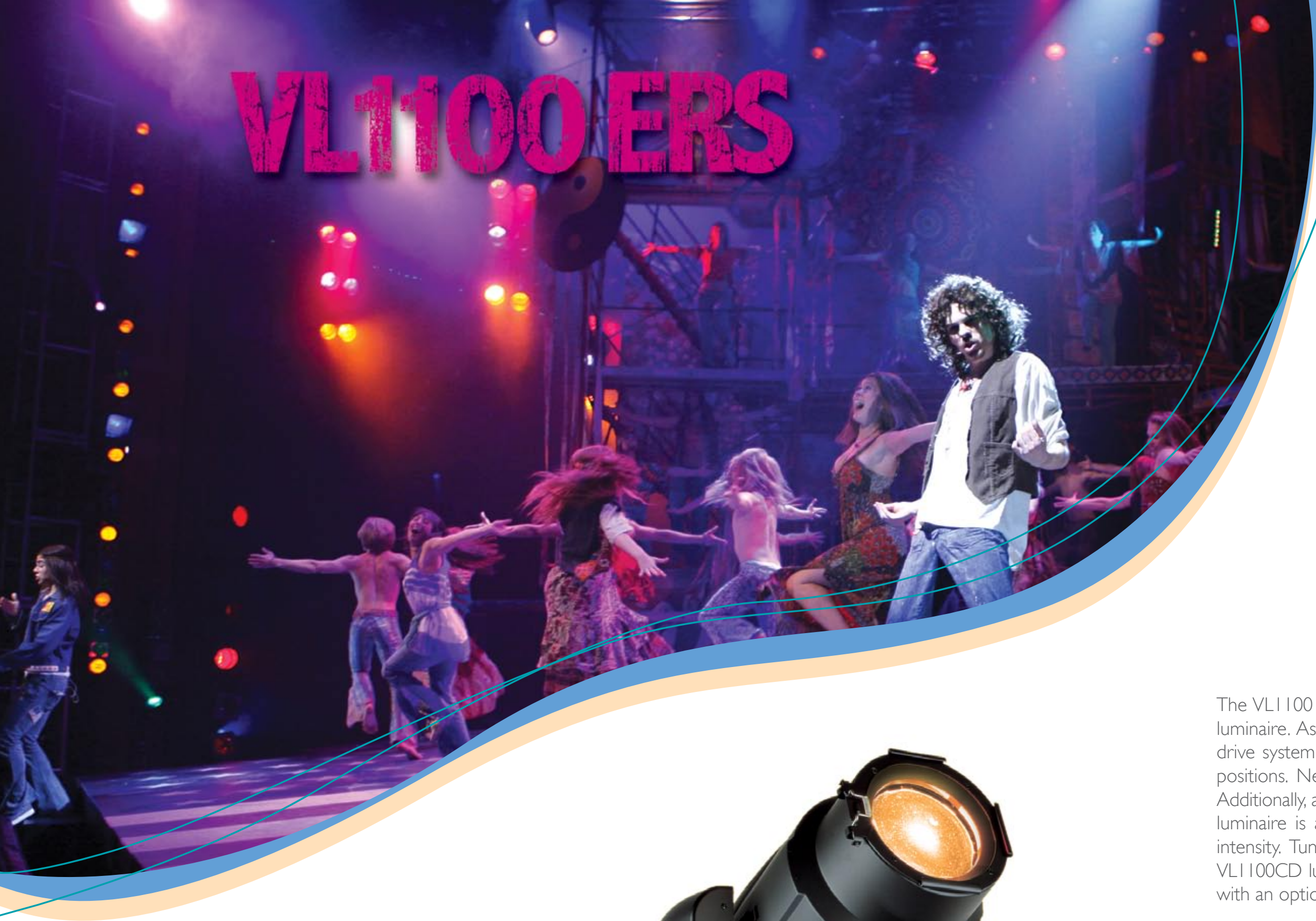
- 315W ceramic discharge lamp
- 3200K color temperature
- 95 CRI
- 8,000 hour lamp life
- Field Angle from 22° to 80°

VL550 80V model

- 1200 W (80V) incandescent lamp
- More than 7,000 lumens (dependent upon lens type)
- Field angle from 11.8° to 53.9° (dependent upon lens type)
- Internal 80V dimmer



VL1100 ERS



Arc Lamp model

- 575W arc lamp
- More than 15,000 lumens
- Zoom from 19° to 36°
- Super zoom to 70°
- CYM color mixing system
- Rotating gobo wheel with five rotatable, indexable gobo positions
- Automated framing shutters (shutter model)
- Mechanical iris (iris model)
- Low noise fans provide on-demand cooling during extreme operating conditions
- Independent, variable diffusion

Tungsten Lamp model

- 1000W tungsten lamp
- 10,000 lumens
- Zoom from 19° to 36°
- Super zoom to 70°
- CYM color mixing system
- Rotating gobo wheel with five rotatable, indexable gobo positions

- Automated framing shutters (shutter models)
- Mechanical iris (iris models)
- Internal silent IGBT electronic dimmer (dimmer models)
- Low noise fans provide on-demand cooling during extreme operating conditions
- Independent, variable diffusion

Ceramic Discharge Lamp model

- 315W ceramic discharge lamp
- 8,000 hour lamp life
- More than 8,000 lumens
- 95 CRI
- Zoom from 19° to 36°
- Super zoom to 70°
- CYM color mixing system
- Rotating gobo wheel with five rotatable, indexable gobo positions
- Automated framing shutters (shutter models)
- Mechanical iris (iris models)
- Low noise fans provide on-demand cooling during extreme operating conditions
- Independent, variable diffusion

The VL1100 ERS combines the advantages of an ellipsoidal reflector spotlight with the versatility of an automated luminaire. As the next generation of the VL1000 ERS luminaires, all models of the VL1100 luminaire have a new 50 kHz drive system that quiets the operation of all two-phase motors in the fixtures during movement and while in static positions. New, three-phase, ultra quiet stepper motors provide for smooth, timed continuous pan and tilt motion. Additionally, a new central bearing system in the gobo wheel reduces noise and ensures smooth operation. The VL1100 luminaire is available in several different versions. Arc lamp models combine cool color tones with brightness and intensity. Tungsten lamp models combine warm color temperature with an optional internal electronic dimmer. The VL1100CD luminaire utilizes a 315W ceramic discharge lamp for an incredibly long lamp life. And all models are available with an optional mechanical iris and four-blade framing shutters.

VL1100 Arc luminaire:

When the production calls for cool color tones and bright, intense light, designers turn to the VL1100A luminaire. The VL1100A luminaire's flexibility and affordable price make it ideal for budget-conscious producers who otherwise might not be able to afford automated lighting.

VL1100 Tungsten luminaire:

Combining the warm color temperature of tungsten lighting with outstanding color control, the VL1100T luminaire is the right choice for theater, television, film and more. On Broadway, lighting designers select the VL1100T for its warm, natural skin tones and perfect color rendering. The quiet operation and convection cooling give the light top billing in installations where noisy fans can detract from even the most stellar performance.

VL1100CD luminaire:

When power consumption and lamp life are a primary concern, the VL1100CD is the right choice. No longer do lighting designers have to sacrifice power and performance for eco-friendly technology. The VL1100CD luminaire introduces a long-life ceramic discharge lamp source that offers the color temperature of tungsten, a high CRI, and an incredibly long-rated life of 8,000 hours.



VL2500 SPOT

VL2500 WASH

With the VL2500 Spot luminaire, lighting designers get all of the features they love from the original Series 2000 fixtures with the added bonus of CYM color mixing, a coated glass dimmer wheel and a separate dual-blade strobe system that provides a smooth, super-fast strobe. Combined with an 11-slot fixed color wheel, the color options are practically limitless. The VL2500 Spot's pan and tilt motors are powerful and provide great torque while the beam size iris operates quietly. The VL2500 Spot truly has everything that really matters to designers – clarity of optics, exceptional zoom range, fast, smooth movement and powerful output, all at a most reasonable price.

- 700W short arc lamp
- 14,500 lumens
- Zoom from 18.5° to 42°
- CYM color mixing system
- Two fixed wheels, one configured for gobos and the second for color filters
- Coated glass dimmer wheel
- Separate dual-blade strobe system
- One rotating pattern wheel with five indexable positions plus open.



An exceptional CYM color mixing system, fast and powerful pan/tilt functions and an impressive zoom range are what set the VL2500 Wash luminaire apart from the competition. The VL2500 Wash features a glass dimmer wheel and dual strobe blades providing designers with smooth, even dimming capability and lightning fast strobe. The VL2500 Wash luminaire maintains the high standards set by the original Series 2000 fixtures with additional features to make the lights even more useful. The VL2500 Wash luminaire is a valuable tool for any project, no matter what type of event it is. It combines small size and quick movement with features one would normally expect in a much larger and more expensive 1200-watt fixture.

- 700W short arc lamp
- 14,700 lumens
- Zoom from 14° to 55.5°
- CYM color mixing system
- 11-slot fixed color wheel
- Coated glass dimmer wheel
- Separate dual-blade strobe system



VL3000 SPOT

VL3000 WASH

- 1200W short arc lamp
- 20,000 lumens
- Zoom from 10° to 60°
- Fixed color wheel
- CYM color mixing system
- Variable CTO color temperature correction filter
- Three gobo/effects wheels
- Mechanical iris
- Separate high performance dimmer and strobe mechanisms

Upon its release, the VL3000 Spot luminaire set new benchmarks for spot luminaires with the industry's best imagery, beam control, color and brightness. The intensity and smooth movement of the light give designers a new level of creative freedom. Three rotating gobo and effects wheels let designers create images never before possible without affecting the intensity of the light. The VL3000 Spot luminaire maintains its beam brightness and image clarity from edge-to-edge and throughout a zoom. And the variable beam focus allows for smooth gobo morphing. The level of detail and kaleidoscopic capabilities of the VL3000 Spot luminaire bring new possibilities to every application, while the quiet pan and tilt ensure that the only thing the audience will hear is the show.

“Q”uiet luminaires:

For productions where the absence of noise is critical to the performance, the VL3000Q Spot luminaire provides the same powerful capabilities of the original Series 3000 fixtures while reducing the audible noise output considerably. For theater, television studios, houses of worship and other sound-sensitive applications, lighting designers now have a light that limits noise without limiting creative freedom.

With 20,000 lumens of output and superior color and beam control, the VL3000 Wash state-of-the-art optics produce a pure, bright light with no hot spots and minimal drop-off from center to edge. The light's output is consistent over large and small areas alike making the VL3000 Wash the ideal solution for venues that require lighting a large area from a short distance. Because Series 3000 Spot and Wash fixtures share many components and have a modular design, maintenance time and, consequently, down time are kept to a minimum.

“Q”uiet luminaires:

As with the VL3000 Spot, a “Q” model is available that allows users to achieve the same performance as the standard models with reduced sonic output.

- 1200W short arc lamp
- 20,000 lumens
- Zoom from 10° to 60°
- Fixed color wheel
- CYM color mixing system
- Variable CTO color temperature correction filter
- Separate high performance dimmer and strobe mechanisms



VL3500 SPOT

Series 3000 luminaires

VL3500 WASH

The VL3500 Spot luminaire is the industry's most advanced automated luminaire. The extraordinary shutter system of the VL3500 fixture consists of four shutters on two planes, which can be operated independently or in unison. The entire mechanism can be rotated in either direction to allow for even greater creative control. Opposing chamfers and nominal distance between shutter edges allows for a clear, crisp focus on all four blades at once. Combined with the fixture's fast, fluid movement and precise repeatability, the ability to create is virtually unlimited. No other luminaire can provide the 6-to-1 zoom range in a silent-running 1200W fixture.

“Q”uiet luminaires:

For productions where the absence of noise is critical to the performance, the VL3500Q Spot luminaire provides the same powerful capabilities of the original Series 3000 fixtures while reducing the audible noise output considerably. For theater, television studios, houses of worship and other sound-sensitive applications, lighting designers now have a light that limits noise without limiting creative freedom.

- Four-blade shutter system with 100° rotation of (± 50°)
- 1200W short arc lamp
- 20,000 lumens
- Zoom from 10° to 60°
- CYM color mixing system
- Variable CTO color temperature correction filter
- Two gobo/effects wheels
- Gobos and carriers interchangeable in all Series 3000 fixtures
- Size and weight consistent with VL3000 Spot and Wash fixtures



Both Models

- 1500W short arc lamp
- Exceeds 50,000 lumens
- Zoom from 10° to 50° depending upon lens configuration
- Dual fixed color wheels
- CYM color mixing system
- Variable CTO color temperature correction filter
- Separate high performance dimmer/strobe mechanisms
- Zoomable beam spreader with VARI*BRITE mode

Standard model only

- Five position aperture wheel

FX model only

- 5 position rotating FX pattern wheel with four indexable, rotating positions plus open
- ULTRA Clear front lens to enhance effect clarity

With an output that exceeds 50,000 lumens, as well as new options for color and beam control, the VL3500 Wash luminaire is the standard by which all wash lights are measured. The VL3500 Wash luminaire features internal zoomable beam optics with either Fresnel or Buxom options, an interchangeable front lens system, and an aperture wheel. The fixture provides CYM color mixing, variable CTO color temperature correction, dual five-position color wheels, a separate dimmer, and an independent dual blade strobe mechanism. In conjunction with its zoomable optics system, Vari-Lite introduces the VARI*BRITE mode. From almost any zoom position, this mode can be engaged to offer a tight column of remarkably intense light making the VL3500 the most versatile wash luminaire on the market.

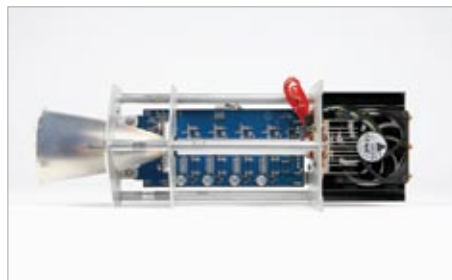
VL3500 Wash FX luminaire:

This model allows users to harness the tremendous intensity of the luminaire to project effects patterns. The aperture wheel from the VL3500 Wash is replaced with a pattern wheel that provides four rotatable and indexable positions in addition to open. When used in conjunction with the Plano Convex – ULTRA Clear front lens, the fixture boldly projects effects. The luminaire comes with four standard patterns which are interchangeable. Custom patterns may be installed by the user.

VLX WASH



LED Chipset
(Actual size)



Individual Optical Module



The VARI*LITE VLX Wash luminaire incorporates the most attractive benefits of LED lighting technology with the product quality and design ingenuity only found in VARI*LITE automated luminaires. By giving lighting designers the unique ability to replicate the color temperature of a tungsten or arc lamp source, this truly revolutionary luminaire offers an incomparable flexibility never seen before in the LED lighting market. The internal beam homogenization system creates smooth color mixing that is natural and free of any “color shadowing” effects associated with other LED fixtures. And additionally, the VLX Wash offers a dynamic CRI adjustment and continuously adjustable color temperature white range between approximately 3000 and 9000 Kelvin. With stunning colors, powerful intensity, a multi-year source life, low energy consumption and even lower maintenance costs, the VLX Wash luminaire truly is the new face of LED lighting technology.

- Seven x 120 watt, replaceable custom RGBW LED chipsets
- Each chipset contains high density red, green, blue, and white LED emitters.
- Approximately 14,000 lumens (white light)
- High speed strobe with multiple effects
- Zoom System with continuously variable field angle from approximately 23° to 58° (Zoom Module is easily removable for fixed field angle of 22°)
- Color temperature variable between approximately 3000 and 9000 Kelvin
- Lamp life exceeds 10,000 hours at full RGBW
- Smooth, high resolution dimming control of R, G, B, and W LED's