

PHILIPS

Entertainment
lighting

New Products 2018

Lighting to
inspire

innovation ✨ you

Key to symbols:



Theaters



Stadia
Arenas



TV and film studios
On location



Building facades
Foyers



Museums
Showrooms



Shopping mall
Retail park concourses




Clubs
Bars



Places of worship

At Philips Entertainment Lighting we are committed to delivering quality and innovation. We design every product to meet your professional needs, and ultimately contribute to unforgettable experiences. We aspire to enable the people who facilitate these experiences; the lighting designers who use our products to inspire and innovate, and the dealers who share them.

The innovations and products contained within this brochure range from individual luminaires and effects to full complementary families, whether you use them individually or in combination there is a solution for even the most discerning practitioner, from illuminating a concert arena, a theater stage, a film and TV studio or an exhibition space, we have a solution to help you realize your creative vision.



We are passionate about creativity and the application of light in all its forms, this brochure highlights the huge strides we have taken in harmonizing our business and its focus to lead the entertainment lighting industry in quality and innovation.

We have the privilege to represent historic, innovative brands within our industry; two of which are the founding fathers of much of the industry we enjoy today. So, we are very excited to see the addition of several new products to the portfolio, not least the continued expansion of our Vari-Lite portfolio, which has been completely overhauled over the past 18 months with an amazing array of fixtures, this reflects the passion and commitment we at Philips Entertainment Lighting feel and showcases our continued investment in R&D and innovation to ensure we are at the heart of creating great experiences.

Introducing the



What you'll find



Product downloads

Find all available resources for products new and old in our download center – filter by brand, product or asset type.



Tech Center

Access specialist technical support materials for Philips Vari-Lite and Strand Lighting. Especially for trained technicians with more detailed resources. Access granted post training.

Entertainment HUB resource center

The Entertainment HUB is your go-to resource for Entertainment Lighting expertise. Here, you'll find training and technical information about your Philips Vari-Lite, Strand Lighting, Selecon and Showline products.

The latest product news, downloads, software updates and releases – the HUB has it all. Sign up to the HUB for extensive access to training, additional learning resources and specialist technical support. If you'd prefer not to sign up, public access is limited to product downloads and our basic training.



Basic training

Explore our library of product training videos to learn the basics about our fixtures.



Learning Management System (LMS)

Features more in-depth training resources, online modules and the option to sign up to our range of specialist group training sessions in Dallas and interactive webinars.



News

Keep up-to-date with the latest product releases, highlights and anything else newsworthy in the world of Entertainment Lighting.

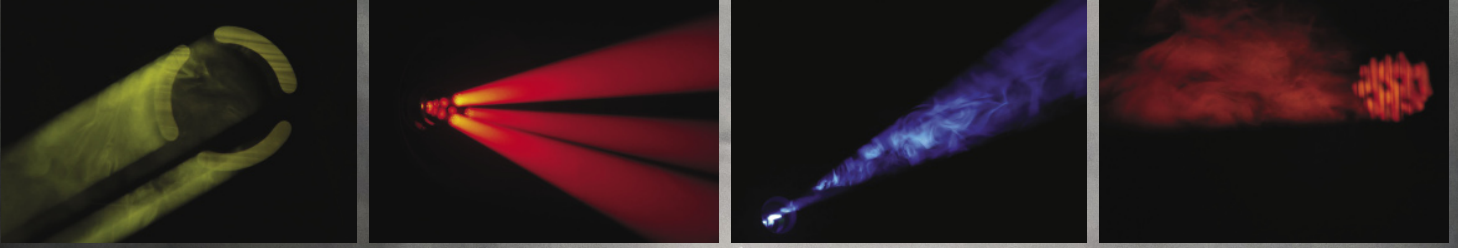
Take a look at entertainmenthub.philips.com

VL10 BeamWash

create the
new dynamics

The VL10 BeamWash packs class-leading power, dynamics and personality into a compact, fast-moving body. Producing 28,000 lumens and weighing just 33kg (73lb), it's brighter, lighter and more versatile than any comparable fixture.

The exclusive new VL*FX animation wheel system creates dynamic new projected and mid-air effects. An internal frost softens effects, while a heavy frost creates strong, even wash. The VL enhanced CYM system and fixed color wheel offer designers a full palette, from the subtlest hues to the deepest reds and blues. Supplied complete with a foam shell insert - it's ready to tour!



- Exclusive new Philips 25R Platinum 550W lamp
- The brightest fixture in its class 28,000 lumen of output (640,000 lux @ 10m)
- Wide zoom range – 2.2–48°
- Narrowest beam reduction 0.7°
- Large impact stage presence from a 180mm front lens, a look only usually associated with much larger fixtures
- Exclusive VL*FX animation wheel system, that creates dynamic new projected and mid-air effect
- Ready to tour, ships complete with foam shell insert



Beam

VL10 BeamWash



NEW!

Source	Philip 25R Platinum lamp
Wattage	550W
Output lumens	28,000
Output CRI / CCT	80 ±5% / 7000 ±5%
Lux beam mode narrow @ 10m (33ft)	640,000 (59458Fc)
Lux beam mode widest @ 10m (33ft)	2,300 (214Fc)
Lux beam mode narrow @ 20m (33ft)	160,000 (14865Fc)
Lux beam mode widest @ 20m (33ft)	555 (52Fc)
Lens size	180mm (7in)
Dimming system	Mechanical hybrid metal blades with glass leading edge 16-bit control
Beam angle	Narrow zoom angle: 2.2° Beam mode 3° Light frost inserted 5.2° Wash mode Widest zoom angle: 44° Beam mode 45° Light Frost inserted 48° Wash mode
Beam softening	Flag 1: 1° Light frost / Flag 2: Wash mode
Gobo wheel 1	Metal aperture wheel 4 reduction aperture and 8 beam shaping apertures
Gobo wheel 2	Interchangeable Index and rotating gobos 8 + Open
Gobo rotation speed	Slowest speed 0.05rpm (1 full rotation = 20mins) Fastest speed 250rpm
VL+FX wheel	Interchangeable glass animation wheels 5 + Open
Special features	Mega stepping, twist and shake control
Dual overlaying prism	Prism 1 - 8 Facet round / Prism 2 - 4 Facet linear
Prism rotation speed	Slowest speed 0.05rpm (1 full rotation = 20mins) / Fastest speed 250rpm
Color mixing type	Vari-Lite enhanced color pallet CYM dichroic glass color mixing system
Fixed color	10 + Open color slots
Pan / tilt	540° / 270°
Pan / tilt speed	<3s / <1s
Cooling	Fan
Power	100 - 240/250 VAC, In and Thru, TrueOne PowerCON black / yellow
Max wattage	850W
Data connections	DMX (RDM) 5-pin XLR In and Thru, RJ45 data point,
Data protocols	DMX (RDM) Mode 1 - 41 channels (default mode), Mode 2 - 36 channels, ArtNET
Dimensions H x W x D	704 x 501 x 320mm (28 x 20 x 13in)
IP rating	IP20
Hanging	VL rails
Hanging centers	530mm (21in)
Weight	33kg (73lb)
Warranty	2 years

Beam: VL10 BeamWash

The VL10 BeamWash packs class-leading power, dynamics and personality into a compact, fast-moving body. Producing 28,000 lumens and weighing just 33kg (73lb), it's brighter, lighter and more versatile than any comparable fixture.

A suite of dynamic effects offers endless creative possibilities, from the dual overlaying prisms to the aperture wheel, rotating gobo wheel and stunning aerial effects from the exclusive new VL*FX wheel. An internal frost can soften effects, while a heavy frost lens creates a strong, even wash. VL's enhanced CYM system and fixed color wheel offer designers a full palette, from the subtlest hues to the deepest reds and blues.



Product specification

Light source	CRI	Color temp	Wattage	Beam	Housing	IP rating	Overall dimensions H x W x D	Weight	Order Code
25R Philips Platinum	>80		550W	2.2-48°	Black	IP20	704 x 501 x 320mm 28 x 20 x 13in	33.0kg 73lb	20.1810.0001

Accessories

	Order Code
Luminaire programming kit	PEGASUS

Features

- Exclusive new Philips 25R Platinum 550W lamp.
- The brightest fixture in its class 28,000 lumen of output (640,000 lux @ 10m) [59458Fc].
- Wide zoom range – 2.2-48°
- Narrowest beam reduction 0.7°
- Large impact stage presence from a 180mm front lens, a look only usually associated with much larger fixtures.
- Ultra compact – 704 x 501 x 320mm - 33kg (28 x 20 x 13in - 73lb)
- Feature loaded for mid-air effects, 4 beam reduction + 8 beams shapes fixed apertures gobos + 8 fully rotating gobos.
- Exclusive VL*FX animation wheel system, that creates dynamic new projected and mid-air effect.
- Dual overlay prism system.
- Image softening, variable 1° frost.
- Wash mode.
- Endless color options, CYM color mixing + fixed color wheel.
- Ready to tour, ships complete with foam shell insert

Suggested uses:



For more information visit philips.com/vari-lite



National Theatre, River Stage, London

Lighting designer: Huw Llewellyn

Photography: The Fifth Estate

Aspirations are affordable with the VL2600 Series

Loaded with features,
unrivalled on price

The VL2600 Series packs in all the features and quality you'd expect from a Vari-Lite plus the benefits of the latest LED technology.

What you may not expect is the unrivalled price tag!

Find out all the benefits this new series of products have to offer.

The aspiration of a Vari-Lite is within your grasp.

- LED light source
- Higher output
- Higher CRI
- Wide zoom range
- Large front lens aperture
- Ethernet data input
- RDM
- Side yoke handles
- Fan speed control channel
- Enhanced VL color palette



Profile



Spot






Wash



Spots

Wash

	VL2600 Spot	VL2600 Profile
	 NEW!	 NEW!
Source	LED	LED
Lamp cap	N/A	N/A
Wattage	550W	550W
Lumen output (max.)	19,000	19,000
Source color temperature	8000K	8000K
Output color temperature	7200K	7200K
CRI / Ra	82	82
TM30	Rf/80 Rg/94	Rf/80 Rg/95
Beam angle	7-48°	7-48°
Pan / tilt	540° / 270°	540° / 270°
Controls	DMX512-A / RDM, Art-Net™	DMX512-A / RDM, Art-Net™
DMX channels	41 / 36	46 / 41
Color system	CMY, Variable CTO 1 x fixed color wheels 7 + open	CMY, Variable CTO 1 x fixed color wheels 7 + open
Gobo / effects	2 x rotating / indexing 7 + open 8 fixed All glass interchangeable	1 x rotating / indexing 7 + open 8 fixed All glass interchangeable
Independent rotating prism	3 facet round	3 facet round
Independent frost	Medium frost	Medium frost
Dimmer / strobe	Electronic 16-bit	Electronic 16-bit
Framing shutters / beam shaping	No	Yes
Iris	Yes	Yes
Color calibration	N/A	N/A
Accessories	N/A	N/A
Operating voltage	100-240VAC 50/60Hz	100-240VAC 50/60Hz
IP rating	IP20	IP20
Operating temperature	-10-45°C (14-113°F)	-10-45°C (14-113°F)
Construction	Metal frame, plastic covers	Metal frame, plastic covers
Finish	Black	Black
Dimensions H x W x L	464 x 300 x 715mm (18 x 12 x 28in)	464 x 300 x 715mm (18 x 12 x 28in)
Hanging centers	500mm (20in)	500mm (20in)
Weight	32.0kg (70.5lb)	32.0kg (70.5lb)
Warranty	2 years	2 years

	VL2600 Wash
	 NEW!
Source	LED
Lamp cap	N/A
Wattage	550W
Lumen output (max.)	22,000
Source color temperature	8000K
Output color temperature	7200K
CRI / Ra	82
TM30	Rf/80 Rg/94
Color mixing	CMY, Variable CTO 1 x fixed color wheels 7 + open
Beam angle	12-63°
Pan / tilt	540° / 270°
Controls	DMX512-A / RDM, Art-Net™
Pixel / zone control	N/A
DMX channels	32/ 29
Dimming	Electronic 16-bit
Framing	Rotating internal barn door system
Macro effects	N/A
Accessories	N/A
Operating voltage	100-240VAC 50/60Hz
IP rating	IP20
Operating temperature	-10-50°C (14-122°F)
Construction	Metal frame, engineering plastic covers
Finish	Black
Dimensions L x H x W	465 x 300 x 705mm (18 x 12 x 28in)
Hanging centers	500mm (20in)
Weight	30.2kg (66.5lb)
Warranty	2 years

Spots: VL2600 Spot

Designed with top-class performance and cost-effective ownership in mind. It produces 19,000 lumens of high color temperature, high contrast light output from its state-of-the-art 550W light engine, with a class-leading zoom range of 7-48°.

Expanding on the color range of the VL2500, it offers a broader choice of saturated colors whilst maintaining the familiar Vari-Lite color palette from the CMY color system with variable CTO adjustment. Effects features include Iris, two rotating gobo wheels and one fixed, plus additional color wheel, prism and variable frost. Compact, lightweight, fast and accurate, the VL2600 Spot is engineered to be easy to use, prep and maintain.

The VL2600 Spot is one of three luminaires designed as the LED generation update for the popular VL2500 Series. A full system lighting solution with dedicated Spot, Wash and Profile fixtures, the VL2600 range combines Vari-Lite quality and performance with the latest LED technology, all engineered to deliver the best possible package to the mid-sized show lighting segment.



Product specification

Light source	CRI	Color temp	Wattage	Beam	Dimming	Housing	IP rating	Overall dimensions H x W x L	Weight	Order Code
LED	82	7200K source Variable CTO	550W	7-48°	DMX512-A / RDM	Black	IP20	464 x 300 x 715mm 18 x 12 x 28in	32.0kg 70.5lb	88-105-6950-00

Accessories

	Order Code
Luminaire programming kit	PEGASUS

Features

- Lower power consumption – approx. 820W (550W LED engine).
- High output – 19,000 lumens.
- High color temperature - 7200 CCT.
- Good color rendering: CRI 81 | TM30 Rf/80 Rg/94.
- Flat, even beam.
- High contrast ratio.
- Wide zoom range – 7° to <48°.
- Color mixing – CMY + variable CTO.
- Fixed color wheel (7+ open).
- Beam reduction – Iris.
- Variable fan control.
- Compact design – 464 x 300 x 715mm (18 x 12 x 28in). Weight 32kg (70.5lb).
- Fast and accurate movement (FP=3s, FT=2s).
- Projected Image: 1 Rotating gobo wheel (7+ open, glass gobos) | 1 Fixed gobo wheel (8+ open, glass gobos).
- Spill-beam effects – 1 x 3-facet prism.
- Beam diffusion – variable frost.
- Two year limited warranty.

Suggested uses:



For more information visit philips.com/vari-lite

Spots: VL2600 Profile

The VL2600 Profile is designed with top-class performance and cost-effective ownership in mind. It produces 19,000 lumens of high color temperature, high contrast light output from its state-of-the-art 550W light engine, with a class-leading zoom range of 7-48°

Expanding on the color range of the VL2500, it offers a broader choice of saturated colors whilst maintaining the familiar Vari-Lite color palette from the CMY color system with variable CTO adjustment. Effects features include Iris, two gobo wheels, one fixed color wheel, prism and variable frost. Compact, lightweight, fast and accurate, the VL2600 Profile is engineered to be easy to use, prep and maintain.

The VL2600 Profile is one of three luminaires designed as the LED generation update for the popular VL2500 Series. A full system lighting solution with dedicated Spot, Wash and Profile fixtures, the VL2600 range combines Vari-Lite quality and performance with the latest LED technology, all engineered to deliver the best possible package to the mid-sized show lighting segment.



Product specification

Light source	CRI	Color temp	Wattage	Beam	Dimming	Housing	IP rating	Overall dimensions H x W x L	Weight	Order Code
LED	82	7200K source Variable CTO	550W	7-48°	DMX512-A / RDM	Black	IP20	464 x 300 x 715mm 18 x 12 x 28in	32.0kg 70.5lb	88-105-7270-00

Accessories

	Order Code
Luminaire programming kit	PEGASUS

Features

- Lower power consumption – approx. 820W (550W LED engine).
- High output – 19,000 lumens.
- High color temperature – 7200 CCT.
- Good color rendering – CRI 81 | TM30 Rf/80 Rg/94.
- Flat, even beam.
- High contrast ratio.
- Full wipe framing shutter.
- Wide zoom range – 7° to <48°.
- Color mixing – CMY + variable CTO.
- Fixed color wheel (7+ open).
- Beam reduction – Iris.
- Variable fan control.
- Compact design – 464 x 300 x 715mm (18 x 12 x 28in. Weight 32kg (70.5lb).
- Fast and accurate movement (FP=3s, FT=2s).
- Projected Image – 2 rotating gobo wheels (7+ open glass gobos) | 1 fixed gobo wheel (8+ open glass gobos).
- Spill-beam effects – 1 x 3-facet prism.
- Beam diffusion – variable frost.
- Two year limited warranty.

Suggested uses:



For more information visit philips.com/vari-lite

Wash: VL2600 Wash

Designed with top-class performance and cost-effective ownership in mind. It produces 22,000 lumens of high color temperature, high contrast light output from its state-of-the-art 550W light engine, with a class-leading zoom range of 12–63°.

The VL2600 Wash includes an internal, beam-shaping framing system and has an adjustable beam edge feature (PC or Fresnel). It also expands on the color range of the VL2500, offering a broader choice of saturated colors whilst maintaining the familiar Vari-Lite color pallet from a CMY color system with variable CTO adjustment, plus a 7-color fixed wheel. Compact, lightweight, fast and accurate, the VL2600 Wash is engineered to be easy to use, prep and maintain.

The VL2600 Wash is one of three luminaires designed as the LED generation update for the popular VL2500 Series. A full system lighting solution with dedicated Spot, Wash and Profile fixtures, the VL2600 range combines Vari-Lite quality and performance with the latest LED technology, all engineered to deliver the best possible package to the mid-sized show lighting segment.



Product specification

Light source	CRI	Color temp	Wattage	Beam	Dimming	Housing	IP rating	Overall dimensions H x W x L	Weight	Order Code
LED	82	7200K source Variable CTO	550W	12–63°	DMX512-A / RDM	Black	IP20	465 x 300 x 705mm 18 x 12 x 28in	30.2kg 66.5lb	88-105-7340-00

Accessories

	Order Code
Luminaire programing kit	PEGASUS

Features

- Lower power consumption – approx. 820W (550W LED engine).
- High output – 22,000 lumens.
- High color temperature - 7200 CCT.
- Good color rendering – CRI 81 | TM30 Rf/80 Rg/94.
- Wide zoom range – 12° to 63°.
- Color mixing – CMY + variable CTO.
- Fixed color wheel (7 + open).
- Adjustable beam edge – PC to Fresnel.
- Beam-shaping framing system.
- Variable fan control.
- Compact design – 465 x 300 x 705mm (18 x 12 x 28in). Weight 30.2kg (66.5lb).
- Fast and accurate movement (FP=3s, FT=2s).
- Two year limited warranty.

Suggested uses:



For more information visit philips.com/vari-lite



Beam	Output	CRI (Ra)	(R9)	TLCI	Color temp
14°	8904	≥80	≥6	68	2950K
19°	7705				
26°	7903				
36°	9574				
50°	9081				
15-35°	7919				
25-50°	9716				

SPX LED WW

Fixed warm white LED profile

The SPX LED WW uses the latest energy efficient warm white light LED engine to produce an output equivalent to a 575W fixture.

Its beam is crisp and precise, directing light only where it is intended, with zero light leakage. It's also quieter in operation than comparable LED fixtures.

The SPX LED WW can be dimmed via DMX or a conventional forward phase dimmer. It provides a smooth, stepless fade right down to zero, giving it the perfect dimming credentials for performance lighting.

- Fixed warm white 2950K LED
- Dims from a conventional forward phase dimmer
- High light output equivalent to a 575W ellipsoidal profile
- Zero light leakage
- Stepless fade to zero
- Simple connection with PowerCon True 1 and XLR connectors

Profiles

SPX LED WW



Source	LED
Wattage (230V)	295W, 1.28A, Calculated at 230V
Wattage (120V)	295W, 2.46A Calculated at 120V
Output lumens	Fixed: 9170 (14°) / 9187 (19°) / 9083 (26°) / 9291 (36°) / 9489 (50°) Zoomspots: 8506 (15-35°) / 8806 (25-50°)
CRI (Ra)	>=80
(R9)	>=6
TM30-15	R _f 82 R _g 95
TLCI	68
CIECAM02UCS	82
Color temperature	2950K
D _{uv}	-0.0015
Color coordinates	u' 0.2506 / v' 0.5239
TV flicker free	Yes
Typical usable distance	8-28m (26-92ft)
Lens tubes	Fixed: 14° / 19° / 26° / 36° / 50° Zoomspots: 15-35° / 25-50°
Shutters	4 rotatable
Gobo size	B
Color frame size	158 x 158mm (6 x 6in)
Main dimmable	Full dimming from 0% to 100% (will work best with a dimmer profile)
Controls	Mains dimmable or DMX512-A / RDM
Control modes	Mains dimming Choice of 8 bit or 16 bit DMX control modes
Cooling	Fan
Cooling control	Quiet / normal / auto
Connectors	PowerCon True 1 mains Input, 5 Pin XLR male DMX In, 5 Pin XLR female DMX Out on rear of fixture
Operating voltage	120 / 240VAC (dimmable) / 100-240VAC (auto-ranging)
Frequency	50/60Hz
Current draw	2.46A (120VAC) / 1.3A (230VAC)
Total power consumption	295W
Quiescent load	20W standby mode / <500mW power save mode
IP rating	IP20
Operating temperature	0-40°C (32-104°F)
Finish	Black
Construction	Extruded aluminium, sheet metal, and molded engineering grade plastic components
Dimensions H x W x L	Excluding lens tube 414 x 328 x 380mm (16 x 13 x 15in)
Weight	Excluding shutter and lens tube 6.2kg (13.7lb) / shutter assembly 2.9kg (6.4lb)
Warranty	3 years

Profiles: SPX LED WW

The SPX LED WW uses the latest energy efficient warm white light LED engine to produce an output equivalent to that of a 575W fixture. Its beam is crisp and precise, directing light only where it is intended: thanks to the SPX filter frame system there is zero light leakage, so no additional masking is required. With reduced fan noise, the SPX LED WW is also quieter in operation than comparable LED fixtures.

The SPX LED WW uses the same proven, high-precision, high-performance gate and lens sets as the renowned Selecon SPX Profile fixtures, with secure locking shutters, while other lens sets can be used with the universal lens tube adapter.

With the ability to be dimmed either via DMX or from a conventional forward phase dimmer, the SPX LED WW provides a smooth, stepless fade right down to zero, giving it the perfect dimming credentials for performance lighting.

Targeted primarily at applications such as education, houses of worship and themed environments, the SPX LED WW has been designed to meet the requirements of consultants and specifiers looking for quality, efficient and reliable fixtures to serve as straightforward replacements for conventional profiles.



Product specification

Light source	Color temp	Wattage	Beam	DMX modes	Shutters	Gobo size	Color frame size	Housing	Overall dimensions H x W x L	Weight	Order Code
LED	2950K	295W inc. controls etc.)	–	Simple 8-bit 8-bit with fan 16-bit full control	4 rotatable	B	158 x 158mm 6 x 6in	Black	Exc. lens tube 414 x 328 x 380mm 16 x 13 x 15in	Exc. lens tube 6.2kg 13.7lb	12610

Accessories

	Finish	Order Code
14° fixed beam lens tube	Black	SPX14LT
19° fixed beam lens tube	Black	SPX19LT
26° fixed beam lens tube	Black	SPX26LT
36° fixed beam lens tube	Black	SPX36LT
50° fixed beam lens tube	Black	SPX50LT
15-35° zoomspot lens tube	Black	SPX1535LT
25-50° zoomspot lens tube	Black	SPX2550LT
Universal lens tube adapter		PLPF4ULTA
20 leaf iris		20IRIS
Gobo holder – metal B size gobos		SPXGHB
Gobo holder – glass B size gobos		SPXGHGB
Lens safety mesh		19PACSMFB
Replacement color frame 158mm square	Black	19SPXCF

Features

- Ability to be dimmed from a conventional forward phase dimmer.
- High light output equivalent to a 575W ellipsoidal profile.
- Less fan noise in operation.
- Zero light leakage.
- Selecon 'box style' gel holder.
- Use of SPX lens sets.
- Ability to use other lenses via the universal lens tube adapter.
- Step less fade to zero.
- Mains or DMX dimming control with 115V or 230V operating mode selection switch.
- Delivers high output warm white light equivalent to, or greater than a 575W tungsten fixed or variable angle profile.
- Interchangeable lens tubes: fixed 14°, 19°, 26°, 36° and 50° and 15-35° and 25-50° zoomspot.
- Homogenized fully mixed white output light without creating multiple shadows.
- Advanced modes of operation are also available for more advanced users and consoles.
- Innovative control options for display lighting application where DMX is not available.
- Fixed correlated colour temperature (CCT) for maximum light output.
- Constant CCT balance down to very low light levels irrespective of intensity setting.
- 5Pin XLR connectors for DMX512 Input and Output with 8 or 16-bit control resolution.
- RDM setup of fixture allows device settings to be configured remotely.
- No ultra-violet (wavelengths of less than 400nm) – for UVA, B or C or the Infrared spectrum (wavelengths of more than 775nm).

Suggested uses:



VL800 BeamLine

a beam like no other

The VL800 BeamLine offers unique effects with a multiplicity of animation options. Its distinctive, collimated, flat sheet-like beam can spin and tumble continuously, with advanced color control and pixel-mapping capabilities adding layer upon layer of design possibility.

Its bright, elongated beam of light delivers depth and dimension with fast, non-stop pan and tilt and Vari-Lite's exclusive Mega-step and Twist effects, while pixel-mapping across 12 zones allows the extra dimension of video integration.

Compact, lightweight and designed to maximize performance, reliability and ease of maintenance, the VL800 BeamLine is priced to offer a range of effects - and a return on investment - that will take your breath away.

- Linear strip moving light
- 3.5° beam
- RGBW color mixing
- >3000 lumen output
- 3-zone or 12-zone pixel-mapping
- Continuous pan and tilt
- Mega-step and twist effects
- Fast, repeatable movement





Glassjaw, Brixton Academy

Lighting designer: Hayden Borgars

Photography: The Fifth Estate

Colorful punch delivered for Glassjaw

The Vari-Lite VL800 BeamLine luminaire delivered a striking stage presence for US rock band Glassjaw at their recent show at London's O2 Academy Brixton. Lighting designer Hayden Borgars used the dynamic, linear LED effects fixtures to deliver an atmospheric lighting design with a modern edge for this 'post-hardcore' band.

"I knew I wanted the main fixture to be a linear fixture, but one that could produce deep reds and blues, the two main colors in my design," said Borgars. "As soon as I was introduced to the VL800 BeamLine at Prolight+Sound in Frankfurt this year, I knew it was the perfect fixture for what I wanted to achieve."

The VL800 BeamLine creates a tight, bright, flattened light beam. Thanks to the individual control of its 12 LED cells and its continuous pan and tilt rotation, it also offers endless flexibility in the width, color and direction of its beams. Arrayed on the stage in front of the guitar cabs and drum riser, they gave Borgars a wealth of dynamic design options.

"I was really impressed with the tight beam angle, and both the light and color output, especially with how bright the reds and pinks were," said Borgars. "The individual pixel control was incredibly useful when running both dimmer and multiple color chases across the fixtures. It also allowed me to create narrower beams of light, using just a couple cells at a time, rather than all 12 cells together."

But when used together, the fixtures could create a substantial light curtain effect. "We decided not to use a backdrop for these shows, and the VL800s worked really well in creating a wall of light to add depth to the design," said Borgars. "I also used them as a strong backlight, to pick out specific moments within the song. This worked really well when I wanted the band silhouetted, creating a bold look with a thin layer of light coming from behind them."

Beam

VL800 BeamLine



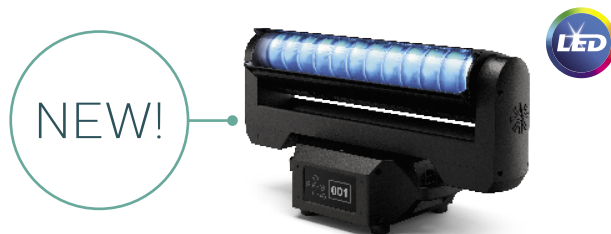
NEW!

Source	LED
Lamp cap	N/A
Wattage	12 x 40W
Lumen output (max.)	3,020
Color temperature	Variable
CRI / Ra	>90
Beam angle	3.5°
Pan / tilt	540° / 240° Continuous P/T
Controls	DMX512-A / RDM, Art-Net™
DMX channels	16-bit - 1 / 39 / 111 8-bit - 18 / 26 / 62
Color system	RGBW
Gobo / effects	N/A
Independent rotating prism	N/A
Independent frost	N/A
Dimmer / strobe	Electronic 16-bit
Framing shutters / beam shaping	N/A
Color calibration	Yes
Accessories	N/A
Operating voltage	100-240VAC 50/60Hz
IP rating	IP20
Operating temperature	-20-50°C (-4-122°F)
Construction	Metal frame, engineering plastic covers
Finish	Black
Dimensions L x H x W	240 x 600 x 336mm (9.5 x 23.5 x 13in)
Hanging centers	625mm (24.5in)
Weight	14.5kg (32lb)
Warranty	2 years

Beam: VL800 BeamLine

The VL800 BeamLine is a linear moving head unit offering a wide variety of unique effects and animation options. Its 12 RGBW LED emitters produce a bright (>3000 lumen) and distinctive, flat sheet of light with a collimated 3.5° beam angle. The unit offers advanced dynamic capabilities with fast, continuous pan and tilt, plus Vari-Lite's exclusive Mega-step and Twist functions on both pan and tilt channels.

The VL800 BeamLine's unique looking optical system and comprehensive RGBW color mixing capabilities are complemented by the possibility for pixel-mapping in 12-zone mode, allowing for the extra dimension of video integration. The VL800 BeamLine is compact and lightweight, designed to maximize performance, reliability and ease of maintenance, and priced to offer customers a fast and high return on investment.



Product specification

Light source	CRI	Color temp	Wattage	Beam	Dimming	Housing	IP rating	Overall dimensions H x W x L	Weight	Order Code
LED	>90	Variable CTO	12 x 40W	3.5°	DMX512-A / RDM	Black	IP20	240 x 600 x 336mm 9.5 x 23.5 x 13in	14.5kg 32lb	88-105-7290-00

Accessories

	Order Code
Luminaire programming kit	PEGASUS

Features



- Linear strip moving light.
- Compact and lightweight.
- 12 x RGBW LED emitters.
- >3000 lumen output.
- 3.5° beam angle.
- Pixel-mapping.
- Continuous pan and tilt.
- Mega-step and twist effects.
- Fast, repeatable synchronized movement.
- Two year limited warranty.

Suggested uses:



For more information visit philips.com/vari-lite

Spots

	VL1100 LED	VL1100 LEDHP
		
Source	LED	LED
Lamp cap	N/A	N/A
Wattage	445W	445W
Lumen output (max.)	11,300	11,300
Source color temperature	3200K	5600K
Output color temperature	3200K	5600K
CRI / Ra	96	>69
TM30	–	–
Beam angle	19–36° 36–70° (superzoom)	19–36° 36–70° (superzoom)
Pan / tilt	540°/240°	540°/240°
Controls	DMX512-A / RDM	DMX512-A / RDM
DMX channels	19 / 21 / 27 / 29	19 / 21 / 27 / 29
Color system	CMY	CMY
Gobo / effects	1 x rotating indexing 5 + open Gobo not supplied	1 x rotating indexing 5 + open Gobo not supplied
Independent rotating prism	N/A	N/A
Independent frost	Variable	Variable
Dimmer / strobe	Electronic 16-bit / 8-bit	Electronic 16-bit / 8-bit
Framing shutters / beam shaping	S Version	S Version
Iris	I Version	I Version
Color calibration	N/A	N/A
Accessories	N/A	N/A
Operating voltage	100–240VAC 50/60Hz	100–240VAC 50/60Hz
IP rating	IP20	IP20
Operating temperature	0–50°C (32–122°F)	0–50°C (32–122°F)
Construction	Metal frame, engineering plastic covers	Metal frame, engineering plastic covers
Finish	Black	Black
Dimensions H x W x L	445 x 876 x 660mm (17.5 x 34.5 x 26in)	445 x 876 x 660mm (17.5 x 34.5 x 26in)
Hanging centers	635mm (25in)	635mm (25in)
Weight	34.5kg (76lb)	34.5kg (76lb)
Warranty	2 years	2 years

Spots: VL1100 LED / VL1100 LEDHP

The future is here. The new VL1100 LED delivers high quality light and consistent color reproduction, making it the discerning lighting designer's first true alternative to the traditional tungsten source in a moving head fixture.

With its unique LED engine delivering high-CRI output and dimming with a perfect 'tungsten' color shift, and an innovative hybrid cooling system smoothly optimizing the balance between light output and noise, the VL1100 LED brings seamless new possibilities to a designer's favorite.



VL1100 LED

Product specification

Light source	Type	CRI	Color temp	Wattage	Beam	Dimming	Housing	IP rating	Overall dimensions H x W x L	Weight	Order Code
LED	S version	96	3200K	650W	19-36° 36-70°	DMX512-A / RDM	Black	IP20	445 x 876 x 660mm 17.5 x 34.5 x 26in	34.5kg 76lb	20.1602.0001.01
LED	I version	96	3200K	650W	19-36° 36-70°	DMX512-A / RDM	Black	IP20	445 x 876 x 660mm 17.5 x 34.5 x 26in	34.5kg 76lb	20.1602.0001.11

VL1100 LEDHP

Product specification

Light source	Type	CRI	Color temp	Wattage	Beam	Dimming	Housing	IP rating	Overall dimensions H x W x L	Weight	Order Code
LED	S version	>69	5600K	650W	19-36° 36-70°	DMX512-A / RDM	Black	IP20	445 x 876 x 660mm 17.5 x 34.5 x 26in	34.5kg 76lb	20.1602.001.02
LED	I version	>69	5600K	650W	19-36° 36-70°	DMX512-A / RDM	Black	IP20	445 x 876 x 660mm 17.5 x 34.5 x 26in	34.5kg 76lb	20.1602.0001.12

Accessories

	Order Code
Luminaire programming kit	PEGASUS

Features



- Exclusive low-energy Philips LED engine.
- High CRI light output.
- Color reproduction consistent with existing VL1100.
- Tungsten red shift emulation during dimming.
- Hybrid liquid/forced air cooling system.
- User definable control of output/noise ratio.
- 4-blade framing system ('S' version).
- 16-leaf Iris ('I' version).
- CMY color mixing system.
- Color Enhancement channel.
- Continuously variable zoom range 19-36°: superzoom angles to 70°.
- Variable fan control channel.
- Two year limited warranty.

Suggested uses:




For more information visit philips.com/vari-lite

Spots

	VLZ Spot	VLZ Profile
		
Source	LED	LED
Lamp cap	N/A	N/A
Wattage	620W	620W
Lumen output (max.)	25,000	24,000
Source color temperature	8000K	8000K
Output color temperature	7200K	7200K
CRI / Ra	76	76
TM30	–	–
Beam angle	7–50°	8–50°
Pan / tilt	540° / 270°	540° / 270°
Controls	DMX512-A / RDM, Art-Net™	DMX512-A / RDM, Art-Net™
DMX channels	42	61
Color system	CMY, Variable CTO 2 x fixed color wheels 6 + open	CMY, Variable CTO 1 x fixed color wheels 6 + open
Gobo / effects	2 x rotating / indexing wheel 7+ open	1 x rotating / indexing wheel 7+ open, 1 x fixed gobo wheel 7 + open
Independent rotating prism	3 facet round	3 facet round
Independent frost	3 way frost system	3 way frost system
Dimmer / strobe	Electronic 16-bit	Electronic 16-bit
Framing shutters / beam shaping	No	No
Iris	Yes	Yes
Color calibration	N/A	N/A
Accessories	–	–
Operating voltage	100–240VAC 50/60Hz	100–240VAC 50/60Hz
IP rating	IP20	IP20
Operating temperature	–10–45°C (14–113°F)	–10–45°C (14–113°F)
Construction	Metal frame, engineering plastic covers	Metal frame, engineering plastic covers
Finish	Black	Black
Dimensions H x W x L	458 x 316 x 809mm (18 x 12.5 x 32in)	458 x 316 x 796mm (18 x 12.5 x 31in)
Hanging centers	600mm (24in)	600mm (24in)
Weight	44.0kg (97lb)	42.4kg (93.5lb)
Warranty	2 years	2 years

Wash

	VLZ Wash
	
Source	LED
Lamp cap	N/A
Wattage	620W
Lumen output (max.)	25,000
Source color temperature	8000K
Output color temperature	7200K
CRI / Ra	76
TM30	–
Color mixing	CMY, variable CTO 2 x fixed color wheels
Beam angle	7–50°
Pan / tilt	540° / 270°
Controls	DMX512-A / RDM, Art-Net™
Pixel / zone control	N/A
DMX channels	1
Dimming	Electronic 16-bit
Macro effects	N/A
Accessories	N/A
Operating voltage	100–240VAC 50/60Hz
IP rating	IP20
Operating temperature	–10–45°C (14–113°F)
Construction	Metal frame, engineering plastic covers
Finish	Black
Dimensions L x H x W	458 x 316 x 796mm (18 x 12.5 x 31in)
Hanging centers	600mm (24in)
Weight	39.0kg (86lb)
Warranty	2 years

VLZ Series

Designed around the latest high-output LED light engine, the VLZ Series is the ideal replacement to the VL3000 Series.

The Enhanced Fan control system allows users to choose one of 4 different fan levels to match the output they require for their show, remotely from their console. The familiar CMY-CTO color system and dual fixed color wheel creating all the beautiful, seamless mixed colors and split colors you expect of a Vari-Lite, the VLZ family covers all the bases, delivering stunning power, incredible efficiency and all the features you know and love.

From concerts to opera, the combination of the color and beam control will make the VLZ Series the go-to professional moving luminaire for multiple large entertainment applications.



Product specification

Light source	Type	CRI	Color temp	Wattage	Beam	Dimming	Housing	IP rating	Overall dimensions H x W x L	Weight	Order Code
LED	VLZ Spot	>70	8000K source Variable CTO	620W	7-50°	DMX512-A / RDM	Black	IP20	458 x 316 x 809mm 18 x 12.5 x 32in	44.0kg 97lb	26-105-0001-00
LED	VLZ Profile	>70	8000K source Variable CTO	620W	8-50°	DMX512-A / RDM	Black	IP20	458 x 316 x 796mm 18 x 12.5 x 31in	42.4kg 93.5lb	26-105-0002-00
LED	VLZ Wash	>70	8000K source Variable CTO	620W	7-50°	Electronic 16-bit	Black	IP20	458 x 316 x 796mm 18 x 12.5 x 31in	39.0kg 86lb	26-105-0003-00

Features

- 25,000 lumens.
- 7-50° zoom.
- Multiple fan level controls: Standard / Studio / Studio 2 / Whisper
- Camera friendly - separate frequency and gamma control of LED array.
- Large visual impact 180mm (7in) front lens.
- High output White Light LED light source engine to maintain constant high output light levels.
- Wide zoom range.
- 16-bit dimmer control with 4 selectable curves.
- Color mixing system CMY + CTO color control.
- 12 fixed color - 2 color wheels 6 + open with color shake and wheel spin functions.
- 2 fully rotating and indexing gobo wheel loaded interchangeable mid-effect and breakup gobos.
- 3 frost for beam softening.
- 3 facet prism.
- Iris for beam size reduction.
- Fast, accurate and repeatable movement on all functions.
- Two year limited warranty.

Suggested uses:



For more information visit philips.com/vari-lite



Medieval Times, Buena Park, California

Lighting designer: Marty Huntoon, All Pro Integrated Systems

Photography: Caught in the Moment Photography



Medieval Times comes up to date with Vari-Lite

Medieval Times attraction in Buena Park, California has upgraded its show lighting with the latest LED fixtures from our lighting portfolio. The new lighting, which delivers greatly improved performance and power efficiency, is being adopted by all ten Medieval Times venues in North America.

Lighting designer Marty Huntoon of installer All Pro Integrated Systems specified the new Vari-Lite VLZ Profile, plus the SL Punchlite 220 and SL LEDSPOT 300 fixtures. He says, “The SL Punchlite 220 was a simple replacement for the PAR lanterns, giving huge improvements in output, power efficiency, programming options and reliability. The motorized zoom capability was also a factor. Add to that the fixture’s IP65 protection rating in a hostile, dusty environment and the 220 was the only choice.”

Huntoon also chose the VLZ Profiles with their “amazing optics and high performance LED engine” to provide dynamic effects projection for the equestrian demonstrations, and to light the Awards Ceremony. “They give exceptional performance and ease of use,” he says.

Further dynamic effects and cross-wash lighting over the arena are provided by SL LEDSPOT 300 fixtures. Huntoon says, “I’ve been very impressed with the performance of the LEDSPOTS. They provide colors and graphics consistent with the VLZ luminaires and they are great value for money.”

The high output, versatility and color consistency across these fixtures, plus the advantages of power efficiency and low maintenance, make these fixtures an attractive option for show environments of this kind. We are delighted to be able to support Marty and the Medieval Times venues with lighting instruments that deliver such benefits.





Painting a magical picture for folk star **Božo Vrećo**

Vari-Lite's newest stage lighting fixtures helped to deliver a magical environment for the recent concert at Belgrade's Sava Center by leading Bosnian folk music artist, Božo Vrećo.

To create this enchanted environment in the 4,000-seat Sava Center, Serbia's largest concert venue, lighting designer Nebojsa Milojevic required powerful lighting fixtures. They needed to be capable of delivering bright, crisp projections and striking beams and effects, and with enough presence to register even against the background LED screen. Milojevic settled on 60 lighting fixtures from our portfolio, including VL6000 Beams, VLZ Spots and SL Hydrus 350 luminaires.

In bringing his critically-acclaimed show to Belgrade, the artist asked Milojevic to "paint with the lights and connect the eyes of the audience with the songs." With this brief to guide him, Milojevic was given full creative control over the stage lighting. He says, "My design inspirations I find in nature. The goal for my design was to bring the audience on a magical journey through music, with the use of light and video."

"Using the beautiful gobos and intensive colors of the VLZ Spots and the SL Hydrus, I was able to create illusions of the forest and leaves against a background of dark, cloudy sky. And with the enormous power of the VL6000 Beams, I created lightning. Together, these fixtures successfully covered the 200 square meters of the stage and huge, black backdrop."

He added, "I am really happy with the performance of all of these lights: the colors are very intense, but warm and pleasant for the eyes. The optics and lenses are phenomenal, and the power - well, I cannot find the words. At last, I can see my lights even with the large amount of LED screens upstage."

Božo Vrećo, Sava Center, Belgrade

Lighting designer: Nebojsa Milojevic

Photography: Nebojsa Milojevic



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