

**PHILIPS**  
**Strand Lighting**

**400F**



# TV and location lights

## **400F**

The 400F is a high power LED TV fresnel, providing the light output equivalent to a 2000W tungsten fresnel designed specifically for TV broadcast lighting. A very high TLCI rating provides an excellent quality of light, ideal for the camera.

The range includes two color temperatures, 3200K and 5600K in both manual and pole operated formats. Perfect for larger studio use.



# Showline

# PHILIPS

## SL HYDRUS 350



The SL HYDRUS 350 is a moving luminaire designed for special event, television and concert lighting applications. Powered by the PHILIPS Platinum 17RA Lamp, the luminaire delivers powerful output, strong saturated colours and a comprehensive beam effects system in a compact sized luminaire.

Unlike traditional moving luminaires designed for a single purpose, the SL HYDRUS 350 has a hybrid optical design. Beam, spot and wash features are all combined in a single luminaire, maximising the return on your investment with a versatile luminaire that can perform as a true workhorse in your designs.

**Use as a Beam luminaire:** the SL HYDRUS 350 delivers a powerful, crisp pinpoint beam. Combine the fixed gobos and the rotating prism lenses to create striking designs that come to life in larger arenas and auditoriums.

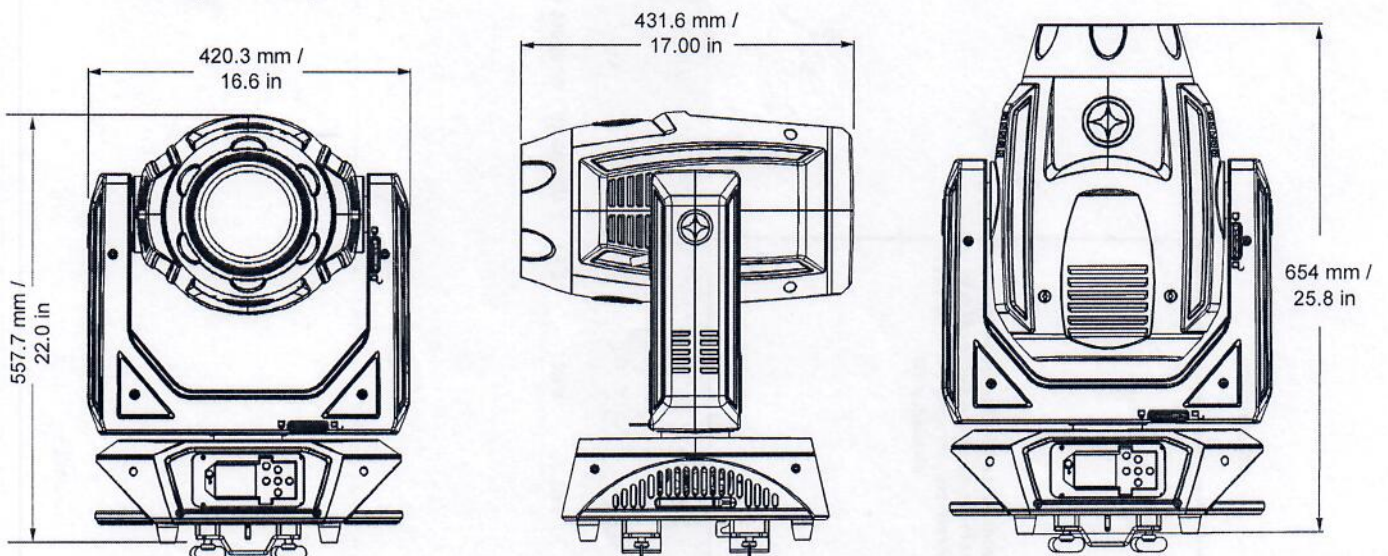
**Use as a Spot luminaire:** Choose the appropriate glass gobo (all designs from the Vari\*Lite gobo library), rotate and combine with the animation wheel to produce a myriad of dynamic looks.

**Use as a Wash luminaire:** Soften the edge with the frost filter and zoom out to deliver a defined soft even beam that can blend together and create smooth washes over the stage.

### Features:

- Fixed colour wheel with ten colours and one open slot
- Colour system allows for split colour mode and colour scroll effects
- Fixed gobo / beam aperture wheel containing twelve beam effect images
- Indexable / rotating gobo wheel with eight images. Includes a coloured layered multiple focal point gobo
- Animation wheel with Fire Breakup effect
- Four facet linear prism and eight facet circular prism
- Frost filter
- Auto focus mode

### Drawing Diagram:





John + Mikes - 5/20/14  
John Mikes  
10/15

## Selecon LED Fixtures



### PLPROFILE4 MKII LED Luminaire

The PLPROFILE4 MKII luminaire is a LED, variable-beam profile with precise beam control and pattern projection from a high output beam. An innovative combination of LED source technology and precision optical design, the PLPROFILE4 MKII luminaire delivers Philips Selecon's industry benchmark projection quality in a compact, robust luminaire.

A key benefit of the PLPROFILE4 MKII luminaire is that it is no longer necessary to change lamps or color filter. Combining the superior control and light quality of a Philips Selecon Profile with seamless fading between colors allows designers a new level of creativity. Less power consumption and no dimmer circuits makes the PLPROFILE4 MKII luminaire the obvious choice for pattern projection and stage washes on the larger stage.

The PLPROFILE4 MKII luminaire also hosts smart cable management with the inclusion of PLICB (PL Interconnect Box). The PLICB mounts to the luminaires yoke, between the C-Clamp and the yoke and swivels independently to allow for the luminaire to move freely through its focus range with no need for a cable service loop. In addition the PLICB can also be mounted to the side of the yoke for tighter luminaire mounting solutions. The PLICB allows for all of the luminaires cabling with DMX and PowerCON in and through Connections.

#### Features

- Four RGBW LED chips deliver limitless color mixing and variable color temperature.
- Seven optical systems: 15°-35° and 25°-50° Zoomspots; 14°, 19°, 26°, 36° and 50° Fixed Beams.
- All lens tubes interchangeable and can be ordered separately. 360° barrel rotation.
- Infinite color choice from the RGBW engines and supporting color temperatures from 2300K to 9970K in white
- Homogenized fully mixed color output light, no multiple color shadows
- 50,000 hours of life expectancy
- Quick selection of Warm White, Cool White, and Daylight
- Color presets simplifies matching existing light sources
- User defined on board presets states available to record your color composition
- Constant color balance down to very low light levels irrespective of intensity setting
- DMX512 Input/Output with 8 or 16-bit resolution or a simple 5-channel control (PLICB)
- On-board LCD menu for ease of luminaire set up and addressing
- No ultra-violet (wavelengths of less than 400nm) – for UVA, B or C or the Infrared spectrum (wavelengths of more than 775nm)
- Luminaire color: black
- Electronic universal power supply 100-240VAC
- PowerCON In and Through connectors (PLICB)
- cETLus listed, C-Tick, and CE marked (IP20 Rated)

**PHILIPS**  
**Selecon**

#### SPECIFICATION SUBMITTAL

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# Showline

# PHILIPS

## SL LEDSPOT 300



The SL LEDSPOT 300 is a compact high performance moving head luminaire with fast and quiet movement. The precision framing system is a unique feature for a small compact luminaire, making the SL LEDSPOT 300 an ideal solution for designers with challenging space requirements desiring total beam control.

The powerful fixed white LED engine delivers 11,500 lumens of output. Utilize the full flexibility of the CMY color mixing and fixed color options to produce saturated and pastel colors without compromised performance.

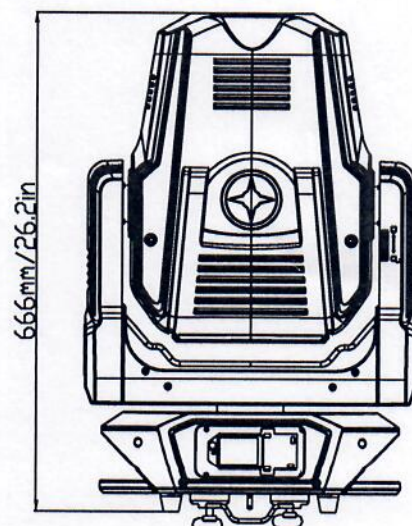
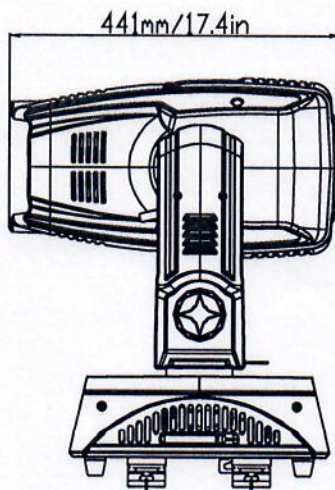
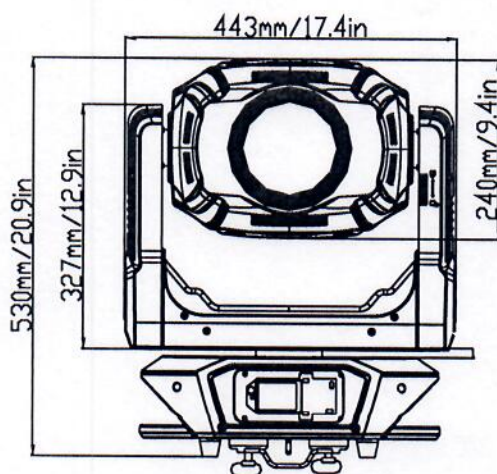
The large zoom angle range, precision indexing four framing shutter system, frost flag and iris enable full beam control. Shape, size, and soften the beam as required and heighten the impact of your designs.

With six rotating/indexable and nine fixed gobos from the Varilite Image Library and a rotating/indexable circular prism, the SL LEDSPOT 300 is ideal for creating dynamic and arresting visual effects.

### Features:

- CMY mixing and separate CTO color filter
- Fixed color wheel with five colors and one open slot
- Color system allows for split color mode and color scroll effects
- Rotating / Indexable gobo wheel with six interchangeable gobos and one open slot
- Fixed gobo wheel with nine gobos and one open slot
- Four framing shutters on separate planes and +/- 90 degree rotation
- Frost flag
- Iris with iris pulse macros
- Three facet circular rotating/indexable prism
- 10-45 degree beam angle range

### Drawing Diagram:





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

**VL1100 LED**



## Intelligent lights – spots **VL1100 LED**

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 optimising the balance between light output and noise, the VL1100 LED brings seamless new possibilities to a designer's favorite.



# Showline

# PHILIPS

## SL BAR 640/660



The SL BAR 640 and 660 are powerful LED linear luminaires offering unprecedented output and exceptional colour clarity.

Ideal for numerous entertainment applications, the SL 640 and 660 deliver stunning output whether used for illumination or direct view purposes. Designers agree the uniform, homogenized RGBW output makes a bold statement in any production.

Both luminaires are available with a choice of beam angles delivering uniform color mixing and illumination for a variety of applications. Whether used in place of R40 strips, border-lights, foot-lights, cyc-lights or for exciting animations, the luminaires deliver incredible coverage and color washing abilities.

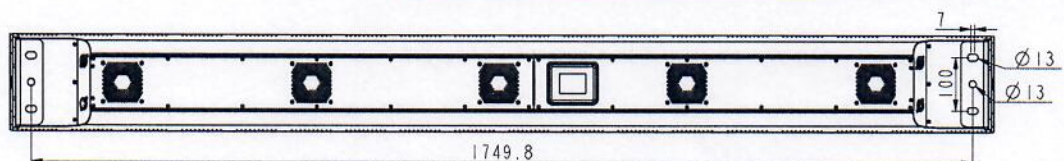
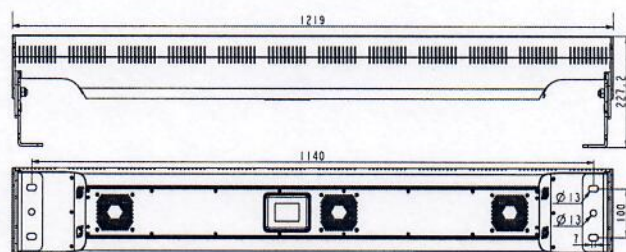
The SL BAR 640 and 660 include standard mounting brackets for floor or pipe mount. Mounting brackets feature secure lock off and a tight profile to insure close placement to further insure smooth beam spreads. Units are designed for daisy chaining and include cable management for clean cabling and easy set up.

### Features :

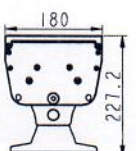
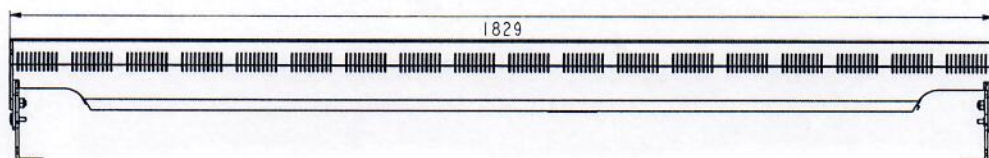
- Rugged Construction
- Osram RGBW LED's for exceptional output and color
- Harmonize Color Calibration
- Built-in color presets, effects and chases
- HSIC (Hue - Saturation - Intensity - Color temperature) operation mode
- 8 or 16-bit DMX-512A operation for smooth stepless fades
- On-board LCD Menu System for addressing and setup
- Remote configuration available via RDM
- PowerCon in and thru power connections
- 5-pin DMX-512A(RDM) in and thru connections

### Drawing Diagram :

SL BAR 640



SL BAR 660







## Intelligent lights – spots

# VLZ Spot

The Philips Vari-Lite VLZ Spot is a dedicated spot luminaire utilizing the latest high output white LED sources to produce a staggering 25,000 lumens projected from a 180mm (7") front lens.

The familiar CMY-CTO color system creates stunning, seamless mixed colors. The dual fixed color wheel with linear control gives access to Vari-Lite colors and split color combinations. Color shake and color wheel spin control have also been added to the mix.

Dual rotating and indexable gobo wheels produce stunning mid-air and break up effects. The high contrast flat field wide zoom range and iris will cover beam control from the narrowest shafts of light to a hard focused wide projection. Multiple beam effects can be produced using the 3 faceted linear prism. Hard to soft edge focusing is attained via the 16-bit focus control channel, and focus zoom tracking can be selected remotely via a console. The beam softness can be adjusted via the 3 way frost control.

The combination of the color and beam control makes the VLZ Spot the go-to professional moving spot luminaire.



**PHILIPS**

**Showline**

SL BEAM 500fx



## Automated lights **SL BEAM 500fx**

Pumping up the performance of the SL BEAM range, the Showline SL BEAM 500fx is a superb moving-head luminaire that delivers an exceptional output from its 37 RGBW LEDs. Just like its partner in this category, the SL BEAM 500fx is fast and quiet and extremely versatile.

The effective precision optical design allows the SL BEAM 500fx to function as a beam and as a wash luminaire. However, where the luminaire really stands out is through its individual pixel mapping and animation, together with a rotating front lens for multi-beam effects.



## Product Specification Sheet Rama LED Fresnel 7°- 50°



**The Rama LED Fresnel provides an adjustable cone of light, has a soft edge and is easily blended with adjacent beams to provide even illumination.**

The minimal power consumption and full warm white output results in significant reductions in power consumption over traditional 1 / 1.2kW Tungsten Halogen luminaires.

### Features

Homogenized fully mixed white light with no multiple shadows or fringing.

No need for lamp or colour filter replacement.

No need for dimmers, connect directly to mains supply.

DMX 512A(RDM) input/output with 8 or 16 bit resolution

Quiet active cooling system.

Onboard LCD menu for ease of addressing / setup / manual operation.

Integrated safety bond rated for the luminaire

Adjustable yoke balance point.

'Swing-down' door for easy access for cleaning. Disconnects the mains power supply on opening.

Smooth 'posi-slide' focus system, no metal to metal contact.

Constructed from aluminium extrusion and moulded engineering plastics.

Tilt and focus scales are in real degrees allowing for accurate WYSIWYG implementation.

Three year warranty

### Electrical Specification

Voltage: 100-240 VAC

Wattage : 120W (total consumption)

Current: 1.04A @230V

### Order Codes

**16RAFR175LED3100MO**

Rama 175 LED Fresnel 3100K

**16RAFR175LED5600MO**

Rama 175 LED Fresnel 5600K

**20BDRA**

Rama Barndoor

### Approvals

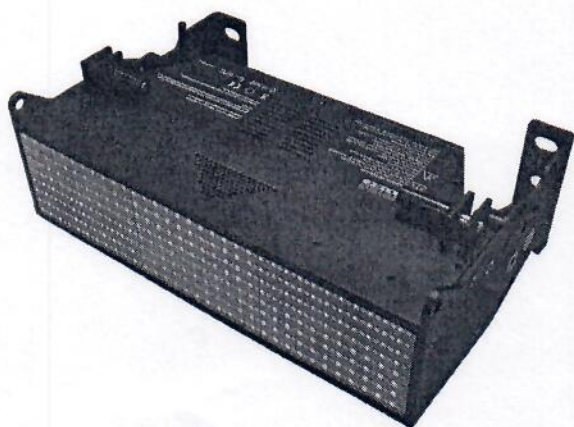
Designed to comply fully with International standards.

cETLus Listed, CE and C-Tick Mark



# Showline SL NITRO 510C

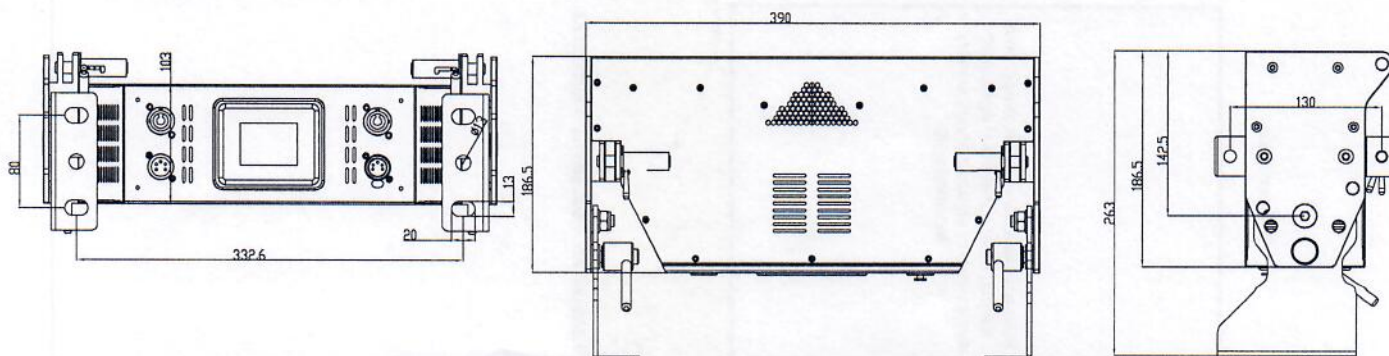
## Color LED Strobe Luminaire



### Features :

- Rugged Construction, IP20
- Physical similarity and connectivity with SL BAR 520 and standard NITRO 510
- Quick connections for linking fixtures end-to-end or top/bottom
- LED engine RGB & W for exceptional output and color
- Six independent zones of control
- Harmonize Color Calibration
- Preprogrammed special effects
- Continuous blinder effect
- Built-in color presets, effects and chases
- Multiple DMX modes for total control and easy retrofits
- On-board LCD Menu System for addressing and setup
- Remote configuration available via RDM
- PowerCon in and thru power connections
- 5-pin DMX-512A(RDM) in and thru connections
- Quiet temperature-controlled fan cooling
- Auto-ranging power supply (100-240 V, 50/60 Hz)

### Drawing Diagram :



# PHILIPS

The SL NITRO 510C is a cutting-edge RGB & W LED strobe luminaire that delivers intense bursts of colored and white light and dynamic effects. The tightly packed array of 264 high power fixed white LEDs and 264 RGB LEDs ensures maximum output for both traditional white effects and an almost infinite choice of color with full field and even distribution across 120°. The rugged construction, Showline standard LCD menu system, continuous-on operation and lower power consumption guarantee the SL NITRO 510C is the perfect strobe luminaire for any application.

A unique quick-connect systems allows SL NITRO 510C units to connect together easily top-to-bottom and side-by-side. In addition, the form factor of the SL NITRO 510C matches the SL NITRO 510 and the SL BAR 520, so the three luminaires can be interconnected providing unlimited design possibilities.

Six unique zones of control allow ultimate flexibility, while unique built in chases aid in creativity and simplicity. With over 60,000 lumens of output, the SL NITRO 510C rivals conventional fixed white strobes and provides designers with an exciting new dimension to dynamic looks whether washing a stage or pointing directly at an audience.