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preview



# ALPHA 1500

Profile | Spot HPE | Beam | Wash | Wash LT

Data and specifications are preliminary, subject to modifications

Alpha Profile 1500



Alpha Spot HPE 1500



# ALPHA 1500 RANGE

Alpha Beam 1500

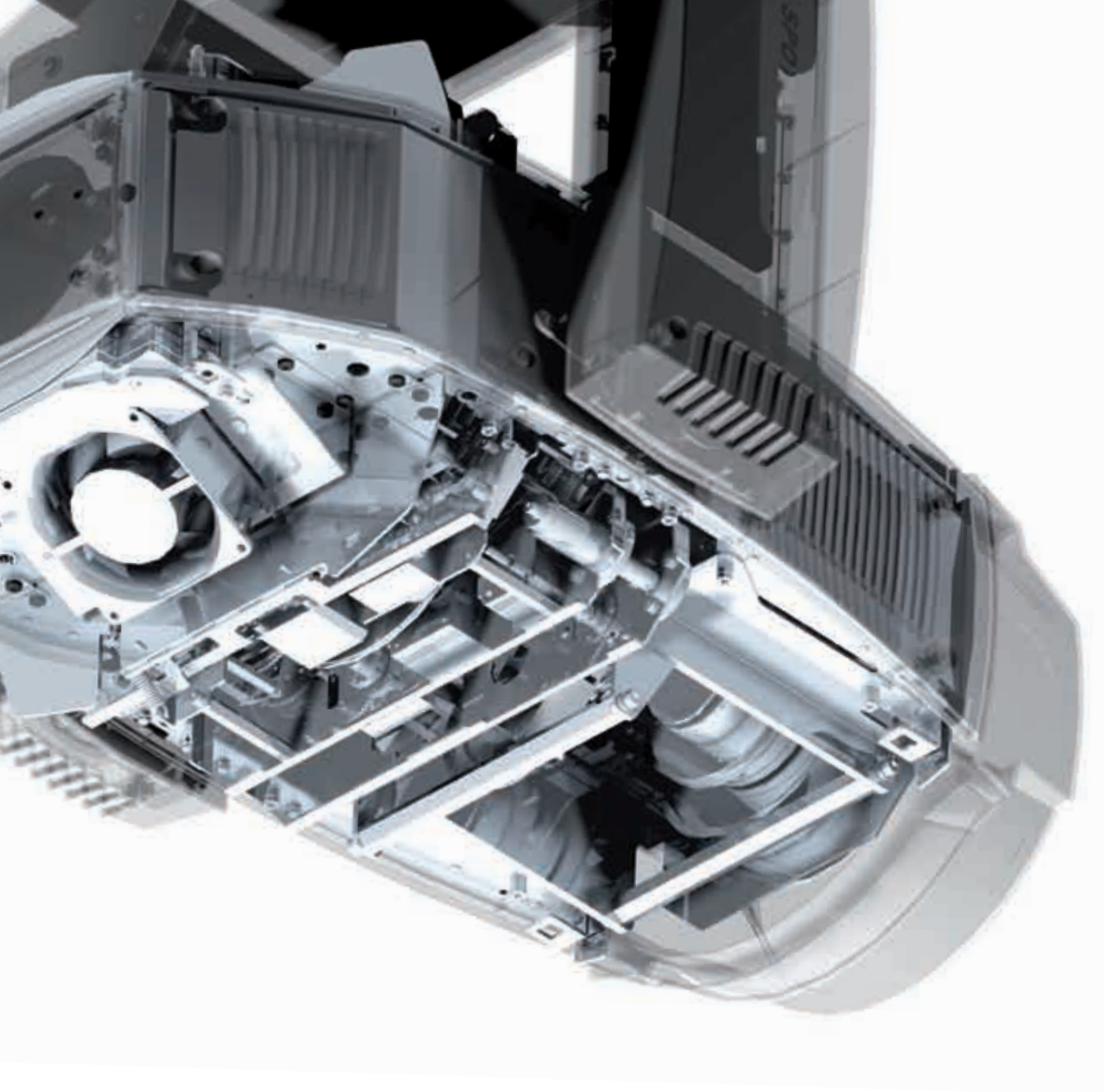


Alpha Wash 1500



Alpha Wash 1500 LT





# Light beyond Imagination

With the new Alpha 1500 Series Clay Paky brings to Lighting Designers the most powerful spot and wash luminaires available.

The pulsing heart of these new automated lights is their high performance optical system, the source of an incredibly bright beam of clean and uniform light.

The tremendous output of the single-ended 1500W Lok-it bulb is ingeniously driven through a sophisticated array of motorized lenses, providing accurate control over the beam angle with an incredible zoom range.

However, the Alpha 1500 luminaires provide more than just powerful light. They feature the richest range of functions: infinite color choices, the industry's most creative imagery, limitless control of beam size and shape, unsurpassed movement speed and acceleration, a user's extraordinary friendly interface.

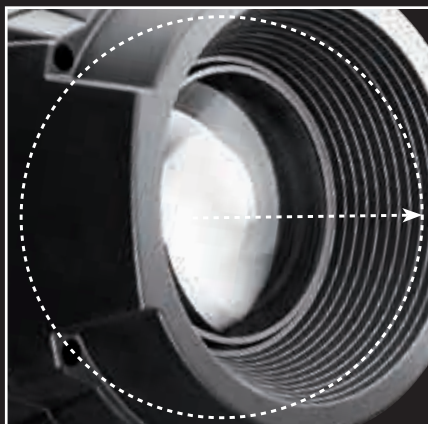
With the Alpha 1500 Series Clay Paky has produced tools that enhance Lighting Designers creativity, rather than just supporting it. They let designers cross the limit of their own imagination, up to new levels of creative freedom.

The Alpha 1500 generate a light of the highest quality: beautifully clean, chromatically rich, with an undiscovered universe of graphic effects...decorative...emotional...spectacular.

Despite their breathtaking power, the Alphas 1500 are the smallest and lightest fixtures in their category. Additionally they feature the legendary premium quality of Clay Paky, enhanced by completely new electronics and mechanical design.

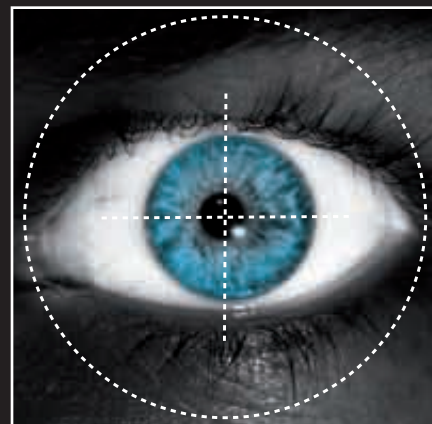
The Alpha 1500 range includes five top level luminaires, each one designed, with no compromise, to the requirements of specific applications:

- **Alpha Profile 1500**, the most powerful moving head spotlight featuring a unique framing system that allows the most accurate and versatile beam shape control (patented), making this luminaire suitable to the most demanding lighting sets.
- **Alpha Spot HPE 1500**, the most impressive and powerful graphic effect moving head, with an incredible array of imagery devices, including the most innovative "automated star gobo" (patent pending), all fully combinable with limitless rotation and morphing possibilities.
- **Alpha Beam 1500**, the most powerful luminaire belonging to the new special category of fully automated ACL fixtures, generating a solid, super-concentrated parallel beam for very long-throw projection, that innumerable devices shape in size and animate with color and movement for fantastic mid-air effects.
- **Alpha Wash 1500**, the wash luminaire generating an astounding beam, fully sizeable thanks to the extra-wide zoom range, clean from center to edge with a limitless color and tone selection.
- **Alpha Wash 1500 LT**, a special washlight moving head, generating a powerful long-throw colored beam, dedicated to large shows and special events in stadia or very large venues.



### Extraordinary zoom and highest quality lens system

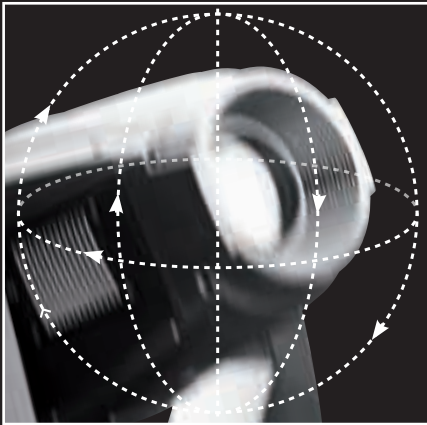
Expert Lighting Designers will immediately realize that the Alpha 1500 luminaires generate a light of superior quality. Clay Paky has drawn from its years of experience to create a beautiful optical system, with extreme beam angle control, ensuring perfect light clarity with uniform diffusion at any aperture. The implementation of this ingenious optical design is enhanced by the adoption of premium quality lenses. The zoom range varies according to the luminaire application but it's always reaching extreme aperture values, with a 1:9 ratio that sets a new benchmark for professional lighting fixtures.



### Fascinating light output

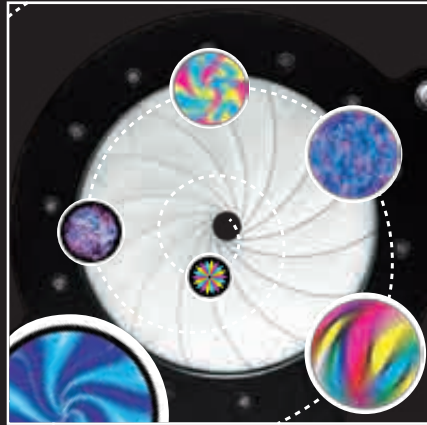
The manifest quality of the lens system does not only influence the quality of projection but is key factor in enhancing the overall light output of the new Lok-it lamp. The 1500 Wattage is exploited at its best, setting the luminous efficiency of these luminaires at the industry's highest level.

## 5 unique reasons for choosing the Alpha 1500 Series



### Impressive speed and acceleration

The faster the moving light, the more exciting the show, and Alphas 1500 have no match in this in their power category. Their speed is staggering, their acceleration virtually instantaneous, and their movements are meticulously precise and perfectly reproducible. This performance is possible thanks to new electronics together with perfect micro-mechanics, which only Clay Paky can offer. The three-phase motors respond promptly to control signals, giving rise to breathtaking changes in direction. Color and gobo changes, prism rotation, zoom changes and strobe effects take place with the same impressive rapidity. Changes from one level to another are imperceptible and sixteen-bit resolution guarantees great accuracy.



### Tools enhancing creativity

The Alpha 1500 luminaires have been conceived as the most effective show lighting tools. For this reason all versions are equipped with the most comprehensive kit of beam control devices and lighting effects gear: no compromise, no saving. But that's not enough: some unique, totally original effects have been created to make these fixtures even richer, such as the fascinating "animated star gobo" (patent pending) and the sophisticated 18 segment iris (on the spot versions) or the "diamond beam shaper" (on the wash). Lighting Designers will be free to unleash their creativity, discovering a never ending world of new spectacular effects.



### Optimized size and weight

Despite the amazing power of their 1500 Watt "engine", the Alphas 1500 are the smallest moving heads with the lightest weight in their class. Best light efficiency coupled with minimal size ensures the industry's highest lumen/volume ratio.





# ALPHA PROFILE 1500

Code C61330

The Alpha Profile 1500 is a state-of-the-art technology luminaire, setting a new reference for moving head spotlights. What designers will love most in this extremely powerful unit is its ability to provide control of beam's shape without any restriction. Through its extra-fast 1:9 ratio zoom, beam angle can be set at any value between 6° and 56°. The extraordinary Clay Paky automated framing system (patented) allows full control of beam shape. A high-speed, high-resolution iris provides accurate beam diameter adjustment. Two frost filters generate different degrees of beam diffusion. Additionally Alpha Profile 1500 offers an impressive effects system: fixed and rotating gobos - all in textured pure dichroic glass, one rotating prism, electronic dimmer, and separate high speed strobe/shutter. Thanks to new electronics and firmware any noise generated by micro-stepping motors has been eliminated. Output power can be adjusted at will on three levels: 1,500 - 1,200 - 800 Watt (t.b.d.), with proportional automatic cooling fan speed reduction.

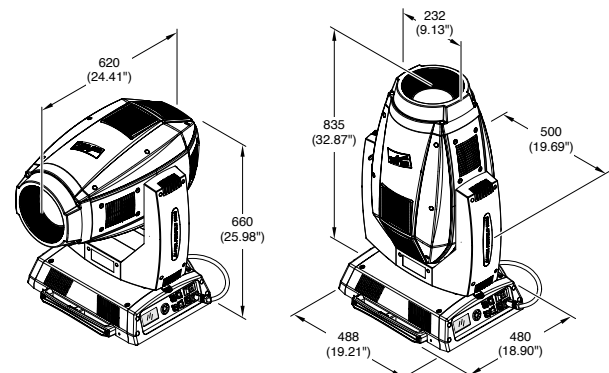
## Features:

- Light Source:** 1,500W, single-ended LOK-IT lamp
- Color Temperature:** 6000 K
- Light Output:** 135,000 Lumen (lamp)
- Output Power:** selectable at 1,500 - 1,200 - 800 Watt (t.b.d.) with adjustable fan speed options
- Extra-Fast Zoom:** from 6° to 56° (full range in 0.5 sec, i.e. 120 bpm)
- Focus:** variable focus with zoom automatic adjustment
- Color Mixing:** CMY + linear CTO (gradual temperature correction filter)
- Fixed colors:** one wheel with 6 selected dichroic colors
- Static gobos:** one wheel with 8 interchangeable dichroic gobos
- Rotating gobos:** one wheel with 6 interchangeable dichroic gobos
- Mechanical Iris:** high-speed special 18 segment Iris for fully round beam shaping
- Beam framing system:** 4 focal planes (patented)
- Prism:** five-facet rotating prism
- Frost Effect:** 1 filter for "flood" effect, 1 filter for frost effect with zoom synchronization
- Dimmer:** hybrid electronic (100-80%) / mechanical (80-0%) dimmer with adjustable curve and automatic fan speed control
- Strobe/Shutter:** high speed on separate channel
- Pan/Tilt motor control:** three phase with noticeable noise elimination
- Electronic control options:**
  - Color-macros for user's preset color library
  - Zoom-macros for user's preset zoom positions
  - Graphic-macros
- Weight:** 49.5 Kg (109.13 lbs)

## Control Channels:

- 1 Cyan
- 2 Magenta
- 3 Yellow
- 4 C.T.O.
- 5 Color Wheel
- 6 Macro Colors
- 7 Stop/Strobe
- 8 Dimmer
- 9 Dimmer fine
- 10 Iris
- 11 Static Gobo change
- 12 Rotating Gobo change
- 13 Gobo rotation
- 14 Gobo Fine
- 15 Rotating Prism change
- 16 Prism rotation
- 17 Frost insertion
- 18 Blade UP1
- 19 Blade UP2
- 20 Blade DW1
- 21 Blade DW2
- 22 Blade RG1
- 23 Blade RG2
- 24 Blade LF1
- 25 Blade LF2
- 26 Framing Rotation
- 27 Focus
- 28 Focus Fine
- 29 Zoom
- 30 Macro Zoom
- 31 Pan
- 32 Pan Fine
- 33 Tilt
- 34 Tilt Fine
- 35 Function
- 36 Reset
- 37 Lamp control
- 38 Pan-Tilt Time
- 39 Color Time
- 40 Beam Time
- 41 Gobo Time

## Dimensions:





# ALPHA SPOT HPE 1500

Code C61325

The Alpha Spot HPE 1500 is the moving head spotlight offering the industry's most powerful graphic and projection effects "engine". Set decoration ability is enhanced by an extraordinary 1:9 ratio zoom, that makes the fixture perfect for long and short distance applications. The extraordinary optical system provides image clarity from edge to edge at any zoom position. The array of multiple graphic devices consists of three gobo wheels, animation wheel, prism, iris, frost and the exclusive "animated star gobo" (patent pending). Through this powerful "engine" Lighting Designers can create infinite and unusual images, with variable focus planes allowing endless dynamic and smooth morphing effects. Dimmer, strobe and shutter provide full control of beam intensity. Alpha Spot HPE 1500 is the most agile effect projector in its category: moving speed, acceleration and reaction time to control signal are so impressive to become spectacular effects on their own. Thanks to new electronics and firmware any noise generated by micro-stepping motors has been eliminated. Output power can be adjusted at will on three levels: 1,500 - 1,200 - 800 Watt, with proportional automatic cooling fan speed reduction.

## Features:

**Light Source:** 1,500W, single-ended LOK-IT lamp

**Color Temperature:** 6000 K

**Light Output:** 135,000 Lumen (lamp)

**Output Power:** selectable at 1,500 - 1,200 - 800 Watt (t.b.d.)

with adjustable fan speed options

**Extra-Fast Zoom:** from 6° to 56° (full range in 0.5 sec, i.e. 120 bpm)

**Focus:** variable focus with zoom automatic adjustment

**Color Mixing:** CMY + linear CTO (gradual temperature correction filter)

**Fixed colors:** one wheel with 6 selected dichroic colors

**Static gobos:** one wheel with 8 interchangeable dichroic gobos

**Rotating gobos:** two wheels, each with 6 interchangeable dichroic gobos

**Special pattern system:** "star" gobo with automated adjustable opening (patent pending)

**Mechanical Iris:** high-speed special 18 segment Iris for fully round beam shaping

**Animation disc:** a high quality rotating animation disc

**Prism:** five-facet rotating prism

**Frost Effect:** frost with zoom synchronization

**Dimmer:** hybrid electronic (100-80%) / mechanical (80-0%) dimmer with adjustable curve and automatic fan speed control

**Strobe/Shutter:** high speed on separate channel

**Pan/Tilt motor control:** three phase with noticeable noise elimination

**Electronic control options:**

Color-macros for user's preset color library

Zoom-macros for user's preset zoom positions

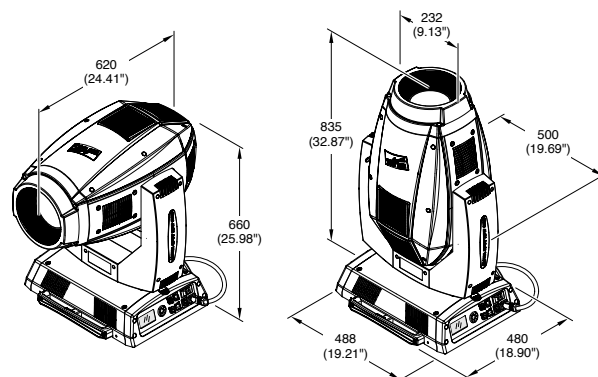
Graphic-macros

**Weight:** 49.5 Kg (109.13 lbs)

## Control Channels:

- |                             |                             |
|-----------------------------|-----------------------------|
| 1 Cyan                      | 21 Rotating Prism insertion |
| 2 Magenta                   | 22 Prism rotation           |
| 3 Yellow                    | 23 Frost insertion          |
| 4 C.T.O.                    | 24 Effect focus             |
| 5 Color Wheel               | 25 Focus Effect Fine        |
| 6 Macro Colors              | 26 Focus                    |
| 7 Stop/Strobe               | 27 Focus Fine               |
| 8 Dimmer                    | 28 Zoom                     |
| 9 Dimmer fine               | 29 Macro Zoom               |
| 10 Iris                     | 30 Pan                      |
| 11 Animated Star Gobo       | 31 Pan Fine                 |
| 12 Static Gobo Change       | 32 Tilt                     |
| 13 Rotating Gobo1 Change    | 33 Tilt Fine                |
| 14 Gobo1 rotation           | 34 Function                 |
| 15 Gobo1 Fine               | 35 Reset                    |
| 16 Rotating Gobo 2 Change   | 36 Lamp control             |
| 17 Gobo 2 rotation          | 37 Pan-Tilt Time            |
| 18 Gobo 2 Fine              | 38 Color Time               |
| 19 Animation Disc insertion | 39 Beam Time                |
| 20 Animation Disc rotation  | 40 Gobo Time                |

## Dimensions:





# ALPHA BEAM 1500

Code C61310

The Alpha Beam 1500 is the industry's most powerful luminaire belonging to the new special category of fully automated ACL fixtures. A moving light at all effects, it generates a solid, parallel beam that emerges from any backdrop, very visible even in the most crowded lighting scene and even from very long distance. Its super-concentrated 1,500W light beam can move with ease onto the stage, can be aimed to the public as the most exciting blinder or become a dynamic color-changing sky-tracker. Innumerable devices shape its beam in size, animating it with colors and movements for fantastic mid-air effects. The Alpha Beam 1500 features a special focusing system (patent pending) which allows sharp gobo projection even at very long distance. Finally a linear frost effect turns this unusual fixture into a washlight that can effectively replace or support luminaires dedicated to this function.

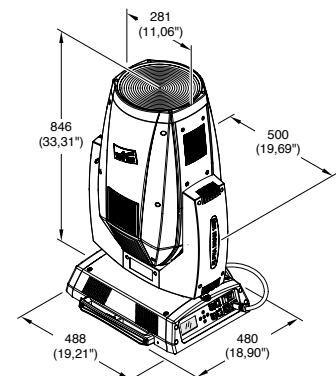
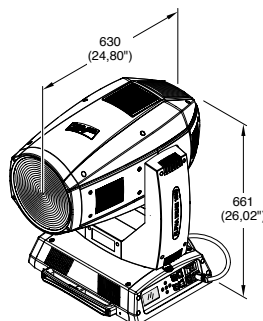
## Features:

- Light Source:** 1,500W, single-ended LOK-IT lamp
- Color Temperature:** 6000 K
- Light Output:** 135,000 Lumen (lamp)
- Focus:** Electronic Focus System (patent pending)
- Color Mixing:** CMY
- CTO:** 1 filter for 3200 K setting
- Fixed colors:** one wheel with 6 selected dichroic colors
- Static gobos:** one wheel with 8 interchangeable dichroic gobos
- Rotating gobos:** one wheel with 6 interchangeable dichroic gobos
- Iris:** high speed mechanical Iris
- Rotating Prisms:** linear five-facet prism, beam shaper, six facet prism
- Frost Effect:** 3 linear (light, medium, heavy)
- Dimmer:** hybrid electronic (100-80%) / mechanical (80-0%) dimmer with adjustable curve and automatic fan speed control
- Strobe/Shutter:** high speed on separate channel
- Pan/Tilt motor control:** three phase with noticeable noise elimination
- Weight:** 44 Kg (88.18 lbs)

## Control Channels:

- 1 Cyan
- 2 Magenta
- 3 Yellow
- 4 Color Wheel
- 5 Stop / Strobe
- 6 Dimmer
- 7 Dimmer Fine
- 8 Iris
- 9 Static Gobo Change
- 10 Rotating Gobo Change
- 11 Gobo Rotation
- 12 Prisms/Beam shaper change
- 13 Prisms/Beam Shaper Rotation
- 14 Light Frost
- 15 Medium Frost
- 16 Heavy Frost
- 17 Focus
- 18 Pan
- 19 Pan Fine
- 20 Tilt
- 21 Tilt Fine
- 22 Function
- 23 Reset
- 24 Lamp control
- 25 Pan - Tilt Time
- 26 Color Time
- 27 Beam Time
- 28 Gobo Time

## Dimensions:





# ALPHA WASH 1500

Code C61320

A virtually infinite pallet of colors, a wide-range 10°- 72° zoom and breathtaking movement and effect speeds are what set the Alpha Wash 1500 luminaire apart from the competition. Thanks to a top-quality optical system, light projection is perfectly uniform and creates even color fields. The astounding light output ensures excellent intensity even at the widest aperture. Accurate, repeatable linear dimming allows smooth transitions at any speed. The Alpha Wash 1500 is a valuable tool for any venue, including those that require wash-lighting from short distances. Thanks to new electronics and firmware any noise generated by micro-stepping motors has been eliminated. Output power can be adjusted at will on three levels: 1,500 - 1,200 - 800 Watt (t.b.d.), with proportional automatic cooling fan speed reduction. For these reasons the audible noise produced by the Alpha Wash 1500 can be reduced to values that make the fixture ideal in theater, television studios and other noise-sensitive applications.

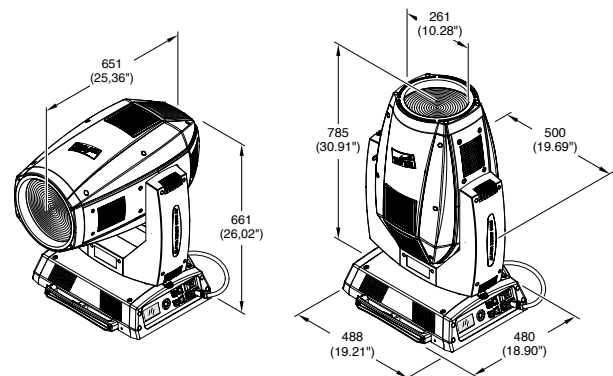
## Features:

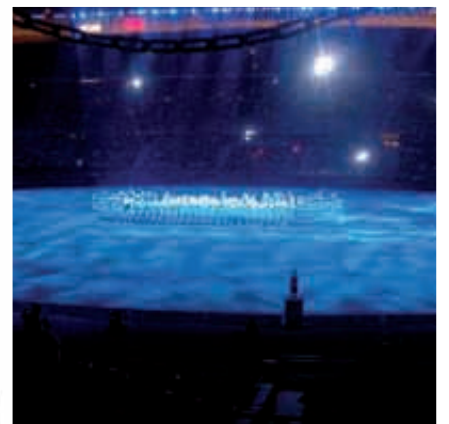
**Light Source:** 1,500W, single-ended LOK-IT lamp  
**Color Temperature:** 6000 K  
**Light Output:** 135,000 Lumen (lamp)  
**Output Power:** selectable at 1,500 - 1,200 - 800 Watt (t.b.d.)  
with adjustable fan speed options  
**Extra-Fast Zoom:** from 10° to 72°  
**Diffuser lens:** (10° to 20°, linear to 72°)  
**Color Mixing:** CMY + linear CTO (gradual temperature correction filter)  
**Fixed colors:** two wheels, each with 6 selected dichroic colors  
**Gel Holder:** patented magnet-based external Gel holder built-into the head front  
**Beam Shapers:** Rotating Beam Ovalizer and rotating "Diamond" filter  
**Dimmer:** hybrid electronic (100-80%) / mechanical (80-0%) dimmer with adjustable curve and automatic fan speed control  
**Strobe/Shutter:** high speed on separate channel  
**Pan/Tilt motor control:** three phase with noticeable noise elimination  
**Electronic control options:**  
Color-macros for user's preset color library  
Zoom-macros for user's preset zoom positions  
**Weight:** 45 Kg (99.21 lbs)

## Control Channels:

1 Cyan	13 Zoom
2 Magenta	14 Pan
3 Yellow	15 Pan Fine
4 C.T.O.	16 Tilt
5 Color Wheel 1	17 Tilt Fine
6 Color Wheel 2	21 Function
7 Macro Colors	22 Reset
8 Stop-Strobe	23 Lamp control
9 Dimmer	24 Pan-Tilt Time
10 Dimmer fine	25 Color Time
11 Beam shapers change	26 Beam Time
12 Beam shapers rotation	

## Dimensions:







# ALPHA WASH 1500 LT

Code C61315

The Alpha Wash 1500 LT is the first washlight specifically designed for long-throw applications. Thanks to its new 1,500 Watt lamp and a special optical group (patent pending), this luminaire generates an impressive light beam that is irreplaceable in large scale events. A comprehensive color "engine" provides endless colors and tones selection. Full beam control is ensured by a linear zoom and 2 rotating beam shapers. Finally an accurate dimmer and a shutter/strobe allow full intensity control.

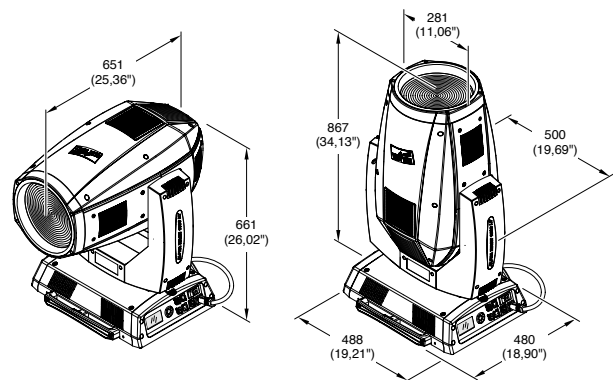
## Features:

**Light Source:** 1,500W, single-ended LOK-IT lamp  
**Color Temperature:** 6,000 K  
**Light Output:** 135,000 lumen (lamp)  
**Extra-Fast Zoom:** linear from 10° to 55°  
**Color Mixing:** CMY + linear CTO (gradual temperature correction filter)  
**Fixed colors:** one wheel with 6 selected dichroic colors  
**Beam Shapers:** Rotating Beam Ovalizer and rotating "Diamond" filter  
**Dimmer:** hybrid electronic (100-80%) / mechanical (80-0%) dimmer with adjustable curve and automatic fan speed control  
**Strobe/Shutter:** high speed on separate channel  
**Pan/Tilt motor control:** three phase with noticeable noise elimination  
**Weight:** 46.7 Kg (102 lbs)

## Control Channels:

- |                          |                    |
|--------------------------|--------------------|
| 1 Cyan                   | 17 Function        |
| 2 Magenta                | 18 Reset           |
| 3 Yellow                 | 19 Lamp Control    |
| 4 C.T.O.                 | 20 Pan - Tilt Time |
| 5 Color Wheel            | 21 Color Time      |
| 6 Stop / Strobe          | 22 Beam Time       |
| 7 Dimmer                 |                    |
| 8 Dimmer Fine            |                    |
| 9 Beam shapers Change    |                    |
| 10 Beam shapers Rotation |                    |
| 11 Effects Movement      |                    |
| 12 Zoom                  |                    |
| 13 Pan                   |                    |
| 14 Pan Fine              |                    |
| 15 Tilt                  |                    |
| 16 Tilt Fine             |                    |

## Dimensions:



TECHNICAL DATA	ALPHA PROFILE 1500
Lamp type	Osram Lok-It 1500W
- Color Temperature (K)	6,000
- Luminous Flux (lm)	135,000
- Average Life (h)	750
- Cap	PGJ50
Power supplies available	100-240V 50/60Hz
Input Power	2,000VA
Electronic Ballast	•
Lamp controlled from the Lighting desk	•
Electronic Linear Zoom	6° to 56°
Electronic Focusing	•
CMY	•
Linear CTO	•
Color Wheel	1 (6 colors + white)
CTO filter	
Linear Frost	
Fixed Frost	2
Rotating gobo wheels	1 (6)
Fixed gobo wheels	1 (8)
Morphing effect	•
Rotating animation disc	
Rotating prisms	1(5 facet)
Rotating beam shaper(s)	
Mechanical high speed iris	•
Animated Star gobo (patented)	
Framing system (patented)	•
90° rotation of the framing system	•
0-100% dimmer on a dedicated channel	•
Stop/strobe	•
Long life self charging battery	•
Preset macros	•
Fuction reset from control unit	•
Autotest routine	•
Ethernet ready	•
Electronic monitoring with status error	•
Cooling system monitoring	•
DMX level monitoring on all channels	•
Internal data transmission diagnostics	•
Parameter electronic setting auto recovering	•
Firmware Upgrade with no power	•
Firmware upload from another fixture	•
Switchable power supply	automatic
PAN and TILT lock on 4 and 7 positions respectively	•
Silent Version (SV)	•
DMX control channels	37/41
Weight (Kg/lbs)	49.5 (109.13 lbs)
Dimensions LxWxH (mm/inches)	488x480x835 (19.21"x18.90"x32.87")





[www.claypaky.it](http://www.claypaky.it)

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