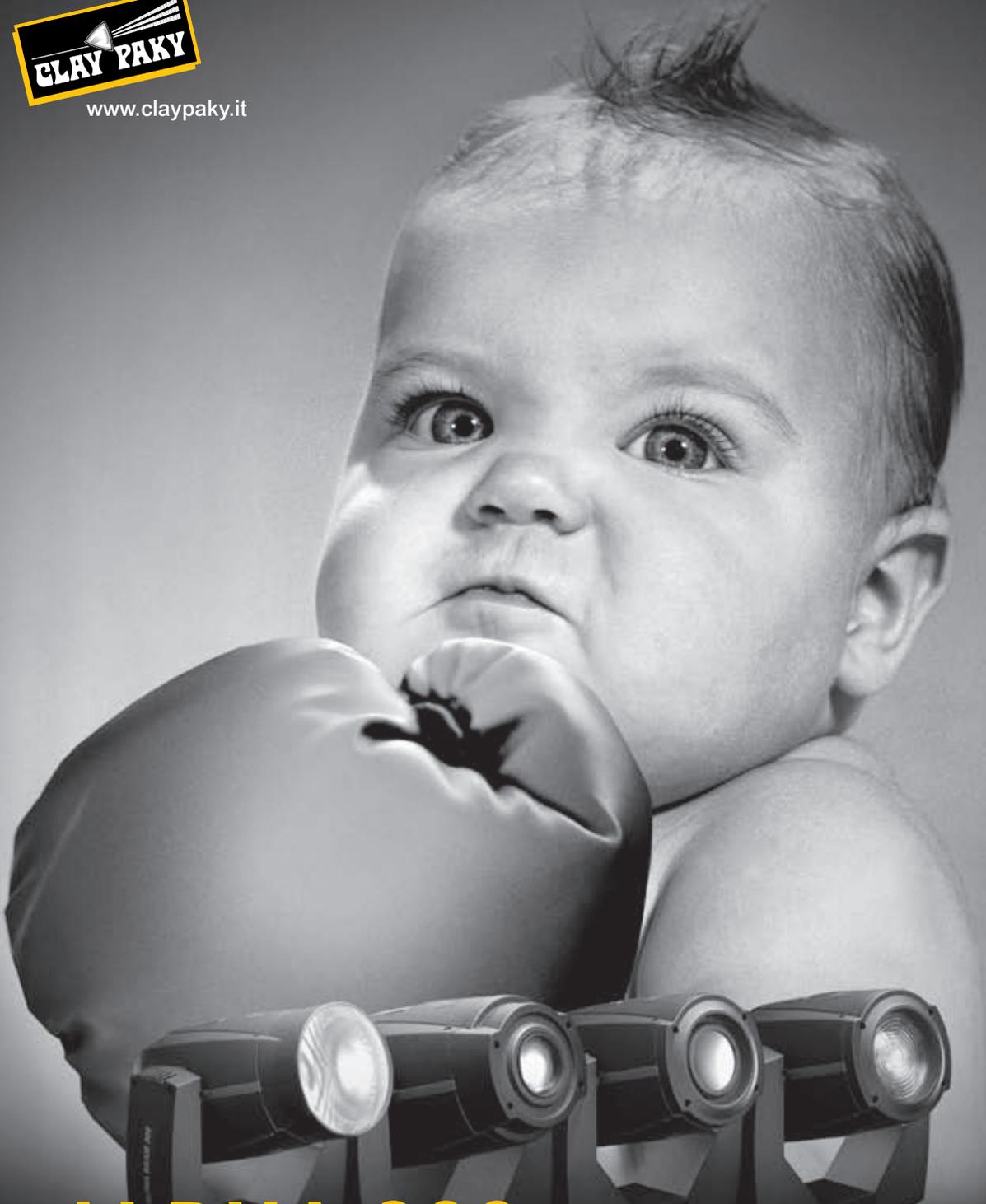




[www.claypaky.it](http://www.claypaky.it)



**ALPHA 300**

BEAM | SPOT HPE | SPOT | WASH

**IT PUNCHES ABOVE ITS WEIGHT**

Four compact moving body projectors for professional use designed with the big features of the whole Alpha Series:

**Alpha Beam 300** moving light beam,  
**Alpha Spot HPE 300** effect projector,  
**Alpha Spot 300** effect projector,  
**Alpha Wash 300** washlight.

Unmatched in performance, these new 300 Watt models are superior to all competitors in the same power category for brightness, graphic variety, optical system and performance, often also allowing them to be used professionally in place of larger sized projectors.

They are of limited size and weight that make their installation and use ideal in highly professional environments, with considerable investment and operating economy.

All these features make the “Alpha 300” excellent for every sector – from the Theatre to Television, from Corporate Events to Clubs, for large as for small Rental Companies.

**ALPHA BEAM 300**



**ALPHA SPOT HPE 300**



**ALPHA SPOT 300**



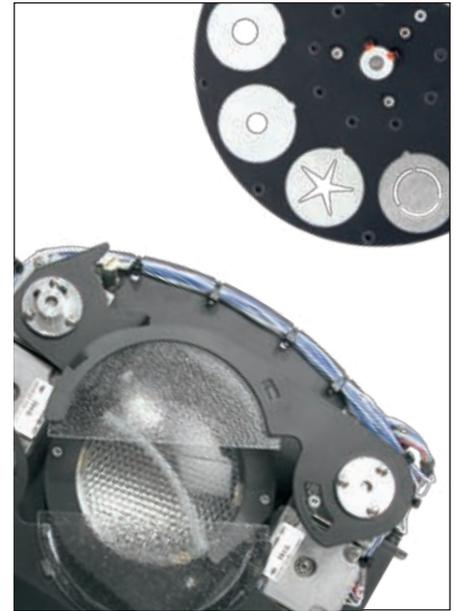
**ALPHA WASH 300**



# ALPHA BEAM 300

Code C61093





### An exclusive MOVING LIGHT BEAM

The only 300W Moving Light Beam on the market able to release an Aircraft Landing light effect from a powerful, light and compact moving body. Like an ACL Par64, the Alpha Beam 300 can be used in "live" environments, especially for "long throw" use, and in addition to the former offering a series of graphic and movement capacities impossible to imagine so far.

### Unequaled BRIGHTNESS

The new special Clay Paky optical group, with a 300W lamp and an unique elliptical reflector with a smooth surface is three times brighter than an ordinary 1200W wash projector, generating an extraordinary "tunnel of light" with a natural beam of 8°.

### Complete GRAPHICS

The opening and graphics of the "tunnel of light" can be decided at will with the 8 fixed gobos available as standard (4 standard gobos + 4 beam angle reduction gobos) and easily interchangeable.

### Patented FROST

The innovative frost system (Patent Pending), based on the inclusion of two high quality diffusion filters, allows the linear passage from a sharp beam to a soft one with two angles of diffusion, typical of a regular wash, with the obvious advantages of the two projection modes.

# ALPHA BEAM 300

Presented exclusively by Clay Paky, the Alpha Beam 300 produces a superconcentrated parallel light beam, for a very similar use to that of an ACL Par64, always used in big Rock'n'Roll shows, but with decidedly superior features. Innovative and complete, compact, service friendly, easy to install and to use, the Alpha Beam 300 is the ideal Moving Light Beam for “live” professional use, especially “long throw” to penetrate the background brightness of stage washes or LED systems with Aircraft Landing light effects that have never been seen as yet.



## The COLOR makes the difference

CMY + Color Wheel (8+1) that allow the light beam to be colored at will, exceeding the traditional concentration of the Par64, which requires the manual insertion of gelatine filters.  
2 CTO filters (3200K and 2500K),  
1 CTB filter and a selection of new colors particularly demanded for professional use: Orange, Aquamarine, deep Green, deep Blue (Night Light effect) and saturated Red. The color wheel uses a new snap-shot system that increases the color changing speed.

## Standard ELECTRONIC BALLAST

The first product in its category with a standard electronic ballast that means total absence of flickering, a universal power supply selectable automatically and, naturally, the product weighs less.

## Wide and fast PAN and TILT movements

Unlike an ACL Par64, with a 540° PAN and a 250° TILT, the Alpha Beam 300 superconcentrated light beam can be pointed and moved with ease onto the stage, the audience, the ceiling or towards the sky for open-air events. Three-phase motors have been introduced in the Alpha Beam 300 to allow faster Pan (2.75sec/540°) and Tilt (1.65sec/250°) movements.

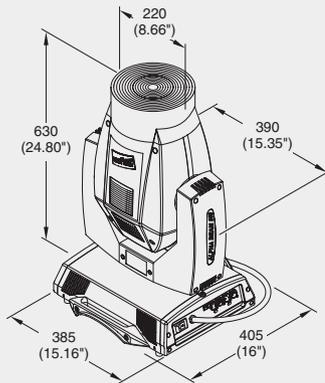
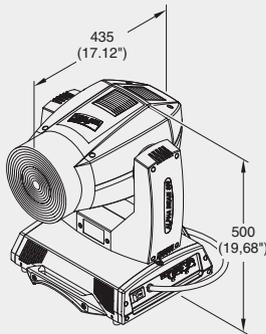
# ALPHA BEAM 300

## CONTROL CHANNELS

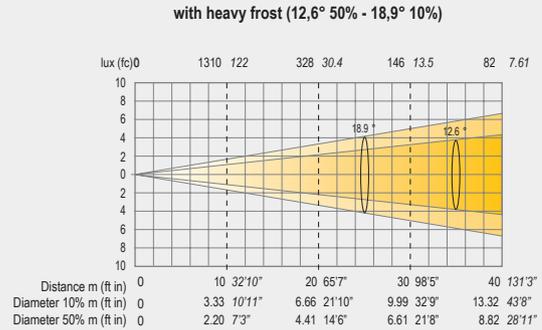
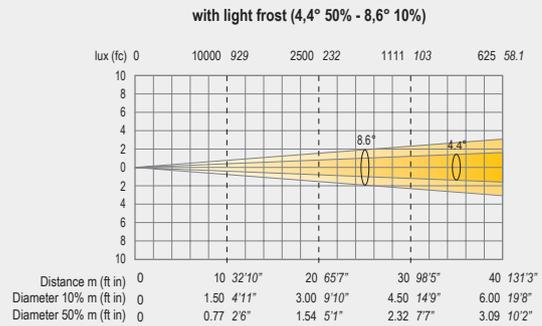
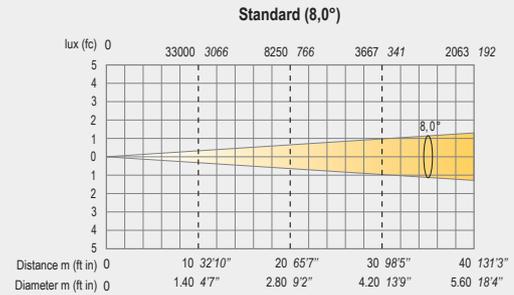
- 01. Cyan
- 02. Magenta
- 03. Yellow
- 04. 8+1 Color wheel
- 05. Stop-Strobe
- 06. Dimmer 0-100%
- 07. Fixed Gobo Wheel  
Wheel with 8 fixed and easy interchangeable gobos, with variable rotation and selectable "gobo shake" function
- 08. Linear Frost
- 09. Pan
- 10. Pan Fine
- 11. Tilt
- 12. Tilt Fine
- 13. Reset
- 14. Lamp on/off
- 15. Pan -Tilt Time
- 16. Color Time
- 17. Beam Time
- 18. Gobo Time

## WEIGHT AND DIMENSIONS (mm - inches)

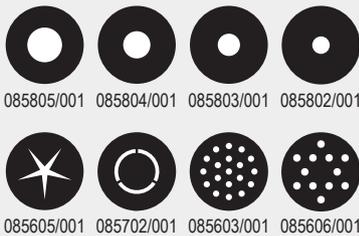
19.1 Kg (42 lbs)



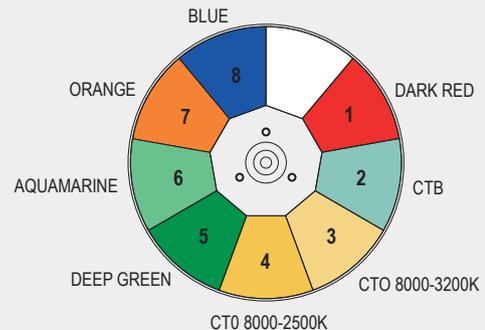
## PHOTOMETRICS



## FIXED GOBOS



## COLOR WHEEL

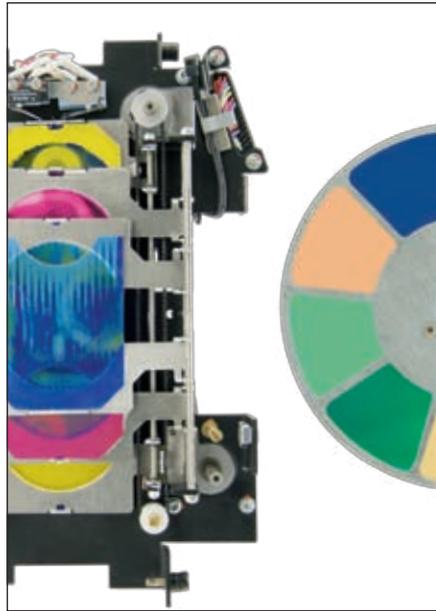


# ALPHA SPOT HPE 300

Code C61098



ALPHA SPOT HPE 300



## Unequaled BRIGHTNESS

About twice as bright as the best-known competitors in its category. Optical system based on the use of a 300W lamp and a dichroic elliptical mirror with high reflection. In many cases, the Alpha Spot HPE 300 can also be used instead of projectors of larger size (575W).

## The widest EFFECT SECTION

CMY, 8+1 Color Wheel, 15 gobos, rotating Prism, Frost with adjustable projection angle, 0-100% Dimmer on dedicated channel, high speed mechanical iris, stop/strobe. It is the only compact projector on the market to have all the effects of the large size projectors.

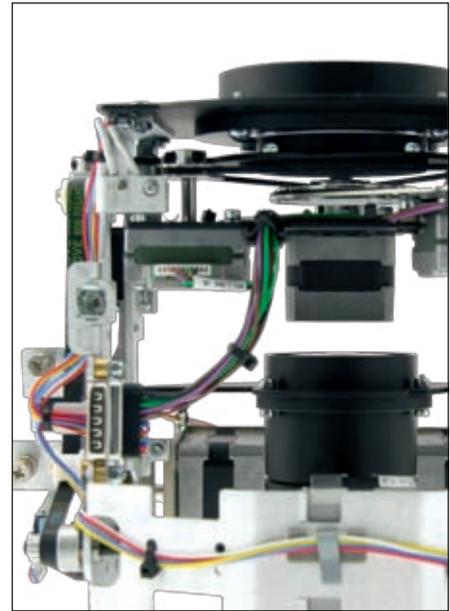
## A complete COLOR SYSTEM

It's among the few "300s" with a complete color system: CMY and 8+1 Color Wheel, which includes 2 CTO filters (3200K and 2500K) and a selection of new colors, particularly demanded for professional use: Half Minus Green, Orange, Aquamarine, deep Green, deep Blue (Night Light effect) and saturated Red. The color wheel uses a new snap-shot system that increases the color changing speed.

# ALPHA SPOT HPE 300

Compact, light, very bright and silent, with superior graphic and optical performances, it is the most complete spotlight in its category. The ideal tool for every professional sector, that needs to combine the advantages of small units with the performance of the large ones.

ALPHA SPOT HPE 300



## 15 high quality GOBOS

7 rotating gobos in high quality glass + 8 fixed gobos can be overlapped for an extraordinary Morphing effect. All gobos are easily interchangeable.

## Standard ELECTRONIC BALLAST

The first product in its category with standard electronic ballast that means the total absence of flickering, a universal power supply selectable automatically and, naturally, the product weighs less.

## The first "300" with LINEAR ZOOM

A wide Linear Zoom, that provide precise control at any beam opening. A special lens on a dedicated channel allows the useful passage, at will, from "hot spot" to "uniform field" with the obvious advantages of the two projection modes.

## SILENCE at the top of its category

Noise produced is less than 40 dB, thanks to the use of an innovative internal ventilation system and of an innovative electronic section that restores a further reduction of unwanted noise in the projector PAN-TILT motors.

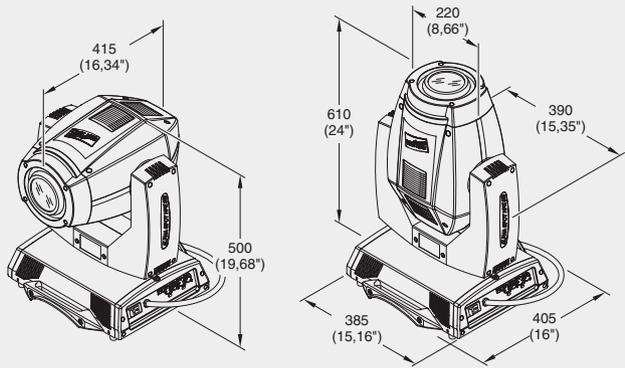
# ALPHA SPOT HPE 300

## CONTROL CHANNELS

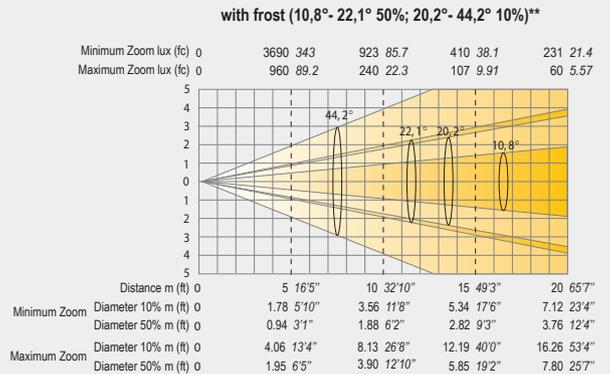
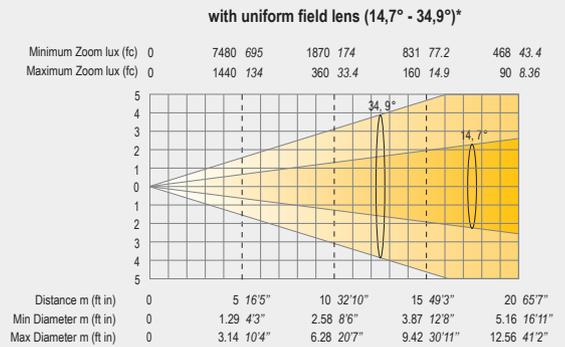
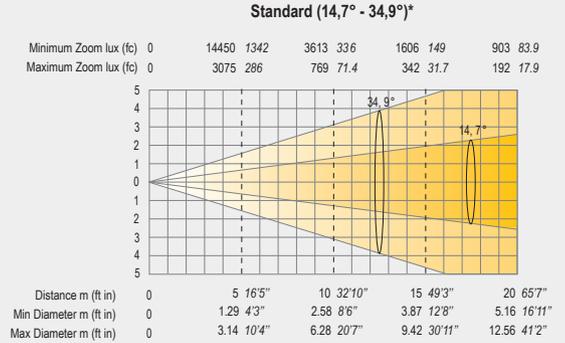
- 01. Cyan
- 02. Magenta
- 03. Yellow
- 04. Uniform field lens
- 05. 8+1 Color wheel
- 06. Stop/strobe
- 07. Dimmer 0-100%
- 08. Iris
- 09. Fixed gobo wheel  
Wheel with 8 fixed and easily interchangeable gobos, with variable rotation and selectable "gobo shake" function
- 10. Rotating Gobo wheel  
Wheel with 7 rotating, bidirectional, indexable and easily interchangeable gobos. "Gobo shake" function
- 11. Gobo rotation
- 12. Gobo Fine
- 13. Prism insertion
- 14. Prism rotation
- 15. Frost
- 16. Focus
- 17. Zoom
- 18. Pan
- 19. Pan Fine
- 20. Tilt
- 21. Tilt Fine
- 22. Reset
- 23. Lamp on/off
- 24. Pan-Tilt Time
- 25. Color Time
- 26. Beam Time
- 27. Gobo Time

## WEIGHT AND DIMENSIONS (mm - inches)

■ 21.4 Kg (47lbs 1oz)



## PHOTOMETRICS



\*17,7° - 44° with full open iris  
\*\*11,3° - 22,7° 50% ; 21,6° - 47,1° 10% with full open iris

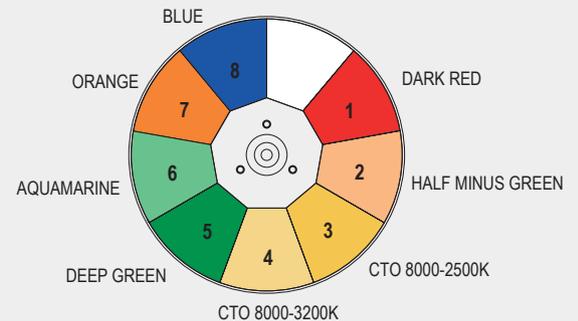
## FIXED GOBOS



## ROTATING GOBOS



## COLOR WHEEL



# ALPHA SPOT 300

Code C61097 electronic  
Code C61095 magnetic



ALPHA SPOT 300



ALPHA SPOT 300

## Greater BRIGHTNESS

Considerably greater brightness than other spots in its category. The optical system is based on the use of a 300W lamp and a dichroic elliptical mirror with high reflection.

In many cases, Alpha Spot 300 can also be used instead of projectors of larger size (575 W).

## EFFECTS SECTION suitable for any use

15 gobos, rotating Prism, 16+1 Colors on 2 Wheels (that include 2 CTO filters at 3200K and 2500K, CTB filter and a selection of new colors particularly demanded by Lighting Designers) with a snap-shot system that increases color changing speed, 0-100% Dimmer on dedicated channel, stop/strobe.

# ALPHA SPOT 300

With the same optical, lighting technology and construction qualities of the Alpha Spot HPE 300, it is ideal for more basic applications that involve limited investment levels. It is available either with electronic or magnetic ballast.



ALPHA SPOT 300

## 15 high quality GOBOS

7 rotating gobos in high quality glass + 8 fixed gobos can be overlapped for an extraordinary Morphing effect. All gobos are easily interchangeable.

## Magnetic or electronic BALLAST

Depending on professional needs, every user can choose the product in the electronic or magnetic version.

## Extraordinary VALUE

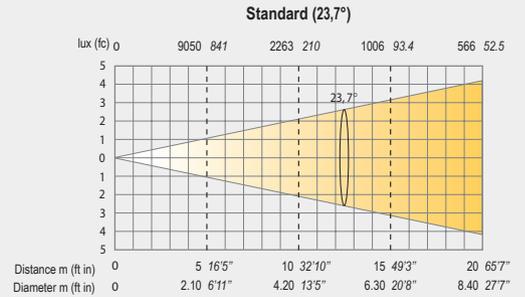
Power, superior optical system and very high level performances, at a truly contained price.

# ALPHA SPOT 300

## CONTROL CHANNELS

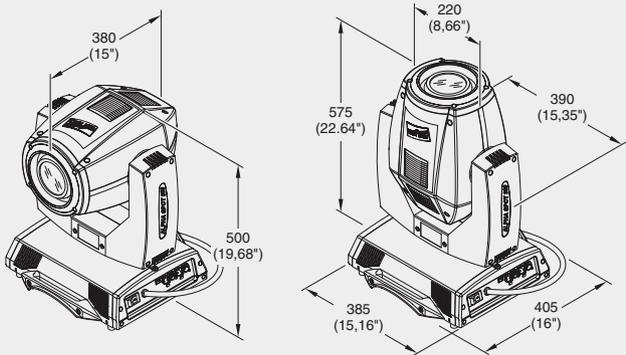
- |  |  |                   |
|--|--|-------------------|
| 01. 8+1 Color wheel 1  | 06. Rotating Gobo wheel<br>Wheel with 7 rotating, bidirectional, indexable and easily interchangeable gobos. "Gobo shake" function | 12. Pan           |
| 02. 8+1 Color wheel 2  | 07. Gobo rotation  | 13. Pan Fine      |
| 03. Stop/Strobe  | 08. Gobo Fine  | 14. Tilt          |
| 04. Dimmer 0-100%  | 09. Prism insertion  | 15. Tilt Fine     |
| 05. Fixed Gobo wheel<br>Wheel with 8 fixed and easily interchangeable gobos, with variable rotation and selectable "gobo shake" function | 10. Prism rotation   | 16. Reset         |
|  | 11. Focus  | 17. Lamp on/off   |
|  |  | 18. Pan-Tilt Time |
|  |  | 19. Color Time    |
|  |  | 20. Beam Time     |
|  |  | 21. Gobo Time     |

## PHOTOMETRICS

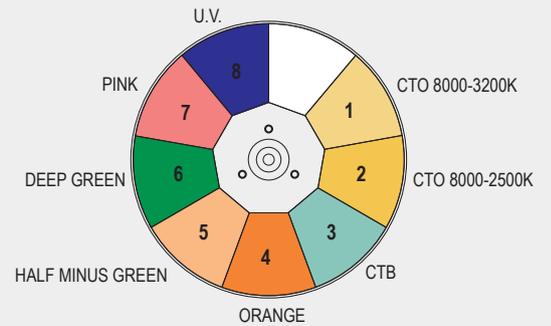


## WEIGHT AND DIMENSIONS (mm - inches)

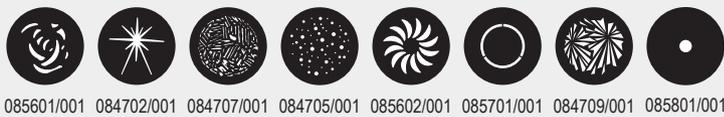
- 19,1 Kg (42lbs) electronic version
- 22,8 Kg (50lbs 3oz) magnetic version



## COLOR WHEELS



## FIXED GOBOS



## ROTATING GOBOS



# ALPHA WASH 300

Code C61094 electronic  
Code C61092 magnetic



ALPHA WASH 300



### The BRIGHTEST 300W washlight

About 20% brighter than the best-known competitors in its category. The optical system is based on the use of a 300W lamp and a dichroic elliptical mirror with high reflection. The Alpha Wash 300 can be used instead of projectors of larger size (575W).

### COLOR QUALITY at maximum levels

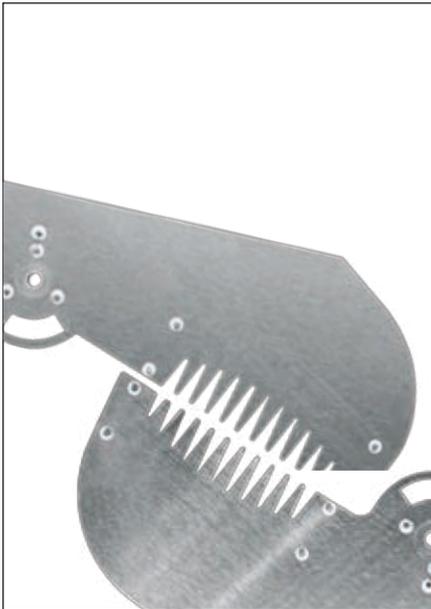
CMY system and Color Wheel (8+1), that includes 2 CTO filters (3200K and 2500K) and 1 CTB filter, as well as a selection of new colors particularly demanded for professional use: Orange, Aquamarine, deep Green, deep Blue (Night Light effect) and saturated Red. The color wheel uses a new snap-shot system that increases the color changing speed.

### Perfect beam UNIFORMITY

Two different frost effects with linear variation located on dedicated channels guarantee gradual color diffusion and a perfect beam uniformity at all projection distances. Beam opening from 12° to 32° can be obtained by using the frosts individually or together.

# ALPHA WASH 300

A compact, light, extremely bright and silent washlight that is practical to install, able to supply any required tone and an unrivalled color quality. The Alpha Wash 300 is suitable for universal use, even in the most demanding professional sectors and is available either with electronic or magnetic version.



## Very precise DIMMER

Special dimmer on dedicated channel to vary the brightness level from 0 to 100% and black-out with maximum linearity and precision.

## Magnetic or electronic BALLAST

Depending on professional needs, every user can choose the product in the electronic or magnetic version.

## SILENCE at the top of the category

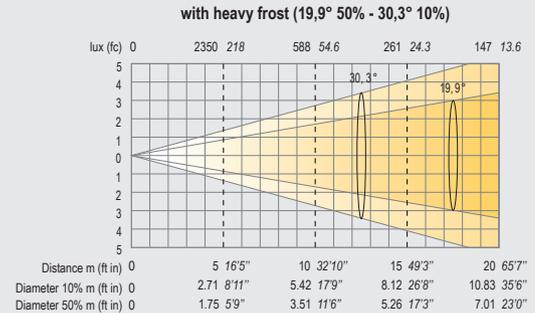
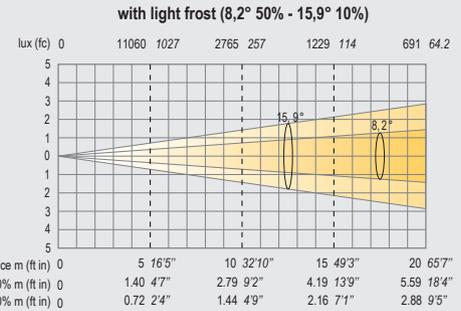
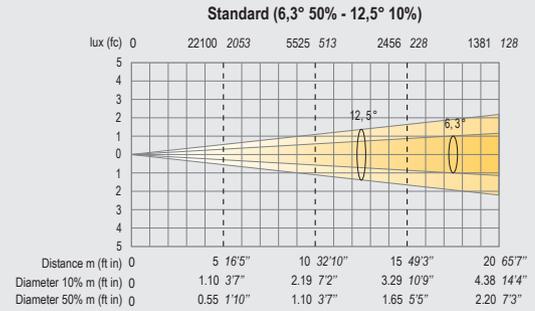
Noise produced is less than 40 dB, thanks to the use of an innovative internal ventilation system and of an innovative electronic section that restores a further reduction of unwanted noise in the projector PAN-TILT motors.

# ALPHA WASH 300

## CONTROL CHANNELS

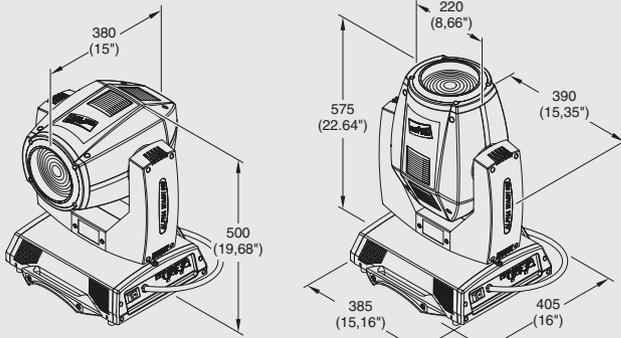
- |                        |                    |
|------------------------|--------------------|
| 01. Cyan               | 10. Pan Fine       |
| 02. Magenta            | 11. Tilt           |
| 03. Yellow             | 12. Tilt Fine      |
| 04. 8+1 Color wheel    | 13. Reset          |
| 05. Stop/Strobe        | 14. Lamp on/off    |
| 06. Dimmer 0-100%      | 15. Pan -Tilt Time |
| 07. Linear Light Frost | 16. Color Time     |
| 08. Linear Heavy Frost | 17. Beam Time      |
| 09. Pan                |                    |

## PHOTOMETRICS

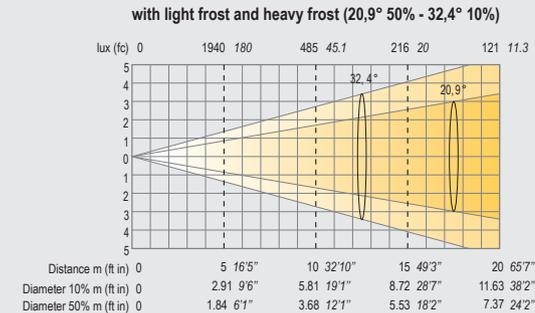
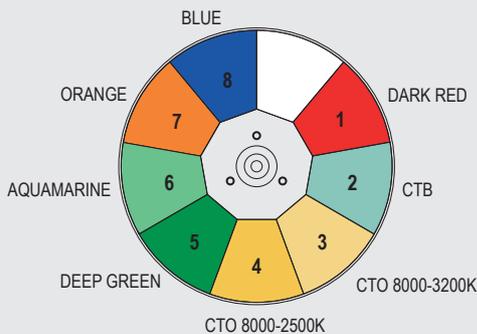


## WEIGHT AND DIMENSIONS (mm - inches)

- 18,2 Kg (40lbs 1oz) electronic version
- 21,9 Kg (48lbs 3oz) magnetic version



## COLOR WHEEL



# ALPHA RANGE | COMMON FEATURES



## EXTRAORDINARY BRIGHTNESS

One of the most distinctive pluses of the ALPHA 300 series is certainly the extraordinary brightness, decidedly superior to that of the competitors in the same category. The Alpha Spot HPE 300 and the Alpha Spot 300 are about twice as bright as the most well-known competitors. The Alpha Wash 300 exceeds them by about 20%. The Alpha Beam 300 is three times brighter than an ordinary 1200W Wash projector.

## THE MOST SILENT FIXTURES IN THE WORLD

Clay Paky have always paid great attention to looking after this aspect: this is why its fixtures are considered among the most silent ones in the world. Clay Paky have made a further step forward with the Alpha 300 series, offering projectors that are much more silent than moving lights of equal power (noise less than 40 dB).

This thanks to the use of an innovative internal ventilation system, which reduces operating noise to the minimum, and of an innovative electronic section that restores a further reduction of unwanted noise in the projector PAN-TILT motors.

## UNIVERSAL USE

Matchless in brightness and performance, the “Alpha 300” models have reduced size and weight that make their installation and use ideal in highly professional environments, from the Theatre to Television, from Corporate Events to Rock Concerts, for both large and small Rental Companies and, naturally, also in discos and elite clubs, instead of projectors of larger size (575 W), with considerable investment and operation savings.

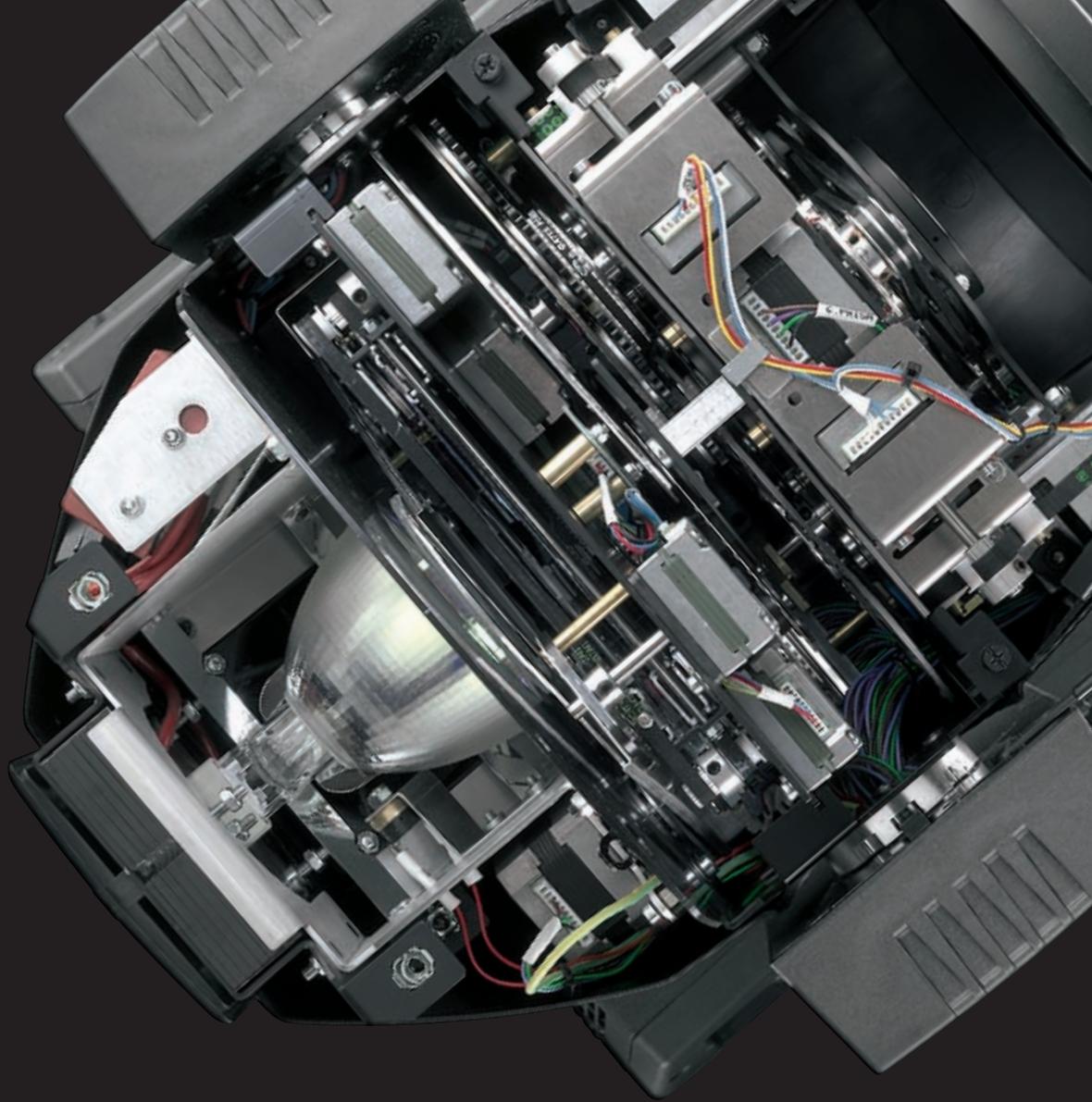
## ITALIAN STYLE DESIGN (Patent Pending)

The design of the Alpha 300 series derives from the research of Clay Paky's R&D and reflects the typical taste and creativity of Italian style. The Alpha 300s present a compact, light, ergonomic and handsome body that blends into any situation. Each projector is conceived from a service-friendly perspective, with modular construction that guarantees its maximum practicality in use and easy access inside for maintenance.

## LONG-LIFE RECHARGEABLE BATTERY

The long-life internal self-rechargeable battery allows complete set-up of the spot when it is not powered, allowing the operator to set address and options when the fixture is unplugged and even in its flight case.





## FASTFIT 300W LAMP

The 300W FastFit lamp with fast fitting has recently been introduced onto the market by the manufacturers and has gained great success thanks to its practicality of use. The Alpha 300 series uses a MSR Gold 300 FastFit lamp from Philips, very easily accessible.

## ELECTRONICS AND SOFTWARE

The advanced electronics and software of the Alpha 300 range provide a long series of very useful functions: Preset macros, On/Off control of the lamp from the control unit, Function reset controllable from the control unit, "Help", "Memo" and "Autotest" function from the menu, Provision for Ethernet, Electronic check-up of each individual parameter, Monitoring of the DMX level on each individual channel, Return information on the status of each sensor and encoder, Electronic repositioning of the effects.

# TECHNICAL DATA

	ALPHA BEAM 300	ALPHA SPOT HPE 300	ALPHA SPOT 300	ALPHA WASH 300
Lamp type	300W FastFit	300W FastFit	300W FastFit	300W FastFit
- Color Temperature (K)	8,000	8,000	8,000	8,000
- Luminous Flux (lm)	23,000	23,000	23,000	23,000
- Average Life (h)	750	750	750	750
- Cap	PGjX28	PGjX28	PGjX28	PGjX28
Power Supplies available (with electronic ballast)	100-240V 50/60Hz	100-240V 50/60Hz	100-240V 50/60Hz	100-240V 50/60Hz
Power Supplies available (with magnetic ballast)			230V 50Hz 240V 50Hz - 208V 60Hz 200V 60Hz - 200V 50Hz	230V 50Hz 240V 50Hz - 208V 60Hz 200V 60Hz - 200V 50Hz
Power Consumption	550VA at 230V 50Hz	550VA at 230V 50Hz	550VA at 230V 50Hz	550VA at 230V 50Hz
Lamp Control Channel	•	•	•	•
Electronic Linear Zoom		10°- 40°		
Electronic Focusing		•	•	
Uniform Field Lens		•		
Color Mixing CMY	•	•		•
Color Wheel	one (8+1 colors)	one (8+1 colors)	two (16+1 colors)	one (8+1 colors)
CTO Filter	two (2,500K and 3,200K)	two (2,500K and 3,200K)	two (2,500K and 3,200K)	two (2,500K and 3,200K)
CTB Filter	•		•	•
Linear Frost	•			•
Fixed Frost		•		
Rotating Gobos (indexable and interchangeable)		7	7	
Fixed Gobos (interchangeable)	8	8	8	
Morphing Effect		•	•	
Rotating Prism		one (5-facet)	one (5-facet)	
Mechanical Iris		•		
0-100% dimmer on a dedicated channel	•	•	•	•
Stop/Strobe	•	•	•	•
Long-life self charging Battery	•	•	•	•
Pre-set Macros	•	•	•	•
Function Reset from the Lighting desk	•	•	•	•
"HELP" Function - "MEMO" Function "AUTOTEST" Function	•	•	•	•
Possibility to upgrade the Software through DMX input	•	•	•	•
DMX Level Monitoring on each Channel	•	•	•	•
Electronic Check-up on each Parameter	•	•	•	•
Electronic Repositioning of the Effects	•	•	•	•
Switchable Power Supply	automatic	automatic	automatic (electronic version only)	automatic (electronic version only)
PAN and TILT lock on 4 and 7 positions respectively	•	•	•	•
Silent Version (SV)	•	•	•	•
Control Channels	max 18	max 27	max 21	max 17
Weight (Kg/lbs)	19,1 (42 lbs)	21,4 (47lbs 1oz)	19,1 Kg (42lbs) electronic version 22,8 Kg (50lbs 3oz) magnetic version	18,2 Kg (40lbs 1oz) electronic version 21,9 Kg (48lbs 3oz) magnetic version
Dimensions LxWxH (mm/inches)	385x405x630 (15,16"x16"x24,80")	385x405x610 (15,16"x16"x24")	385x405x575 (15,16"x16"x22,64")	385x405x575 (15,16"x16"x22,64")

## Moving body

- Movement by means of two three-phase stepper motors, controlled by microprocessor.
- Automatic repositioning of PAN and TILT after accidental movement not controlled by control unit.
- Travel:  
PAN = 540°  
TILT = 250°
- Maximum speeds:  
PAN = 3.15 sec (Std) / 2.75 sec (Fast)  
TILT = 1.95 sec (Std) / 1.65 sec (Fast)  
Alpha Spot HPE 300 has no "fast" option.
- Resolution:  
PAN = 2.11°  
PAN FINE = 0.008°  
TILT = 0.98°  
TILT FINE = 0.004°

## Optical unit

- Elliptic reflector with high luminous efficiency

## Inputs

- DMX 512

## IP20 protection rating

- Protected against the entry of solid bodies larger than 12mm (0.47").
- No protection against the entry of liquids.

## CE Marking

In conformity with the European Union Low Voltage Directive 2006/95/CE and Electromagnetic compatibility Directive 89/336.

## Safety Devices

- Bipolar circuit breaker with thermal protection.
- Automatic break in power supply in case of overheating of the lamp.

## Cooling

Forced ventilation with axial fans.

## Body

- Aluminium structure with plastic cover.
- Two side handles for transportation.
- Device locking PAN and TILT mechanisms for transportation and maintenance.

# LAMP

Code L10087

## Philips MSR Gold 300 FastFit Lamp

supplied with the projector



# ACCESSORIES

Code F21175

## FLIGHT CASE for 2 Alpha 300,

equipped with turn-wheels.

It contains 2 foam shells.

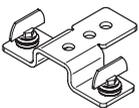
Code F21172

## FOAM SHELL for Alpha 300

Code 183102/802

## OMEGA

for clamps fixing,  
supplied (2 pieces)





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

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