



AN OSRAM BUSINESS



NEW PRODUCTS

AT LDI 2015

Preliminary

SCENIUS
SPHERISCAN
SPAZIAL
IGLOO SERIES

MYTHOS
SUPERSHARPY
STORMY

www.claypaky.it



SCENIUS

THE NEW ADVANCED SPOTLIGHT WITH AN EXTREMELY HIGH CRI

code C61500

SCENIUS is the new moving head spotlight at the top of the Clay Paky range. Its advanced optical unit and the new 1400W OSRAM discharge lamp provide a much higher light output than with previous generation 1500W lamps. SCENIUS can count on a CRI >95, which

is extremely unusual for a metal halide light source. Thanks to its wide 8°-50° zoom, SCENIUS is perfect for every use: from large open air shows to TV studios or exhibitions. The zoom movements are so smooth and accurate they can be used as effects in their own

right. A modern focus tracking system concentrates maximum luminous efficiency precisely on the effect you wish to project, and the focus may be set to be fully automatic.

With SCENIUS you have a light in your hands whose great variety of effects

SPECIFICATIONS

- 1400W OSRAM discharge lamp
- 8°-50° zoom
- Focus tracking system
- 6000 K color temperature
- CRI >95
- CMY System + Linear CTO
- 7-color wheel
- 2 Wheels with 6+6 rotating Gobos
- Rotating Prism
- Interchangeable Graphics Wheel
- 16 blades fast Iris
- Variable "soft edge" frost
- Variable flood frost
- Very precise 0-100% dimmer
- Fast stop/strobe effect
- Light can be run at 1400W or 1200W
- Quiet, reliable and road-ready

CRI
>95

VERY
LOW
NOISE

WEIGHT AND DIMENSIONS ■ 38,5 Kg (84.8 lbs)

mm (LxWxH): 410 x 442 x 760

inches (LxWxH): 16.14 x 17.4 x 29.92



Clay Paky Reinvented Illumination⁹⁵⁺

and white light and color reproduction fidelity will completely amaze you. First of all, the lamp produces a 6000 K color temperature that does not vary over time. This on the one hand ensures greater color temperature uniformity on the stage and more rapid set lighting calibration. On the other hand it means savings in terms of maintenance and lamp replacement costs. The white and colored light produced are

of the highest quality. The colors may be added very smoothly and linearly, and cover a broad spectrum, even including pastel shades, thanks to a CMY system, a 7-color wheel and a linear CTO filter.

The special effects are of course top-ranking: two rotating gobo wheels, each with 6 interchangeable gobos, a rotating prism and an interchangeable graphics wheel. This special



Sizes comparison between Scenius (left) and Alpha Spot HPE 1500 (right)

wheel can be used in conjunction with the gobos or on its own – even with partial insertion and adjustable speed – to produce spectacular visual effects.

The highly precise and accurate iris allows you to channel the projected light linearly into circular shapes. The appliance can also be used in wash mode by inserting a new design of

frost filter. The light can be run at 1400W or in energy saving mode at 1200W.

Besides being quiet, reliable and road-ready, SCENIUS is at the cutting-edge in optics, mechanics and electronics. Its amazing features may only be fully appreciated by seeing them at work live.

SPHERISCAN

THE SCANNER IS BACK!

SPHERISCAN is a revolutionary scanner with a modern twist. After creating the last word in moving-mirror lights in the 1990s, Clay Paky has leveraged the huge technological developments of recent years to “reinvent” the scanner and make it future-ready.

AN INGENUOUS MIRROR THAT TURNS VERY FAST WITHOUT STOPS

The first scanner feature we all care about is definitely the speed of the mirror, and it is here that the SPHERISCAN is truly extraordinary: its pan rotation does not have an end-stop! Its mirror goes on turning endlessly beyond 360 degrees in both directions, which creates an absolutely original swirling effect. Its speed may be adjusted as desired and reach a maximum of 250 rpm, that is more than four revolu-

tions per second. This speed is four times faster than the pan speed of an old scanner, and more than eight times as fast as the most lightweight moving heads. The movements are ultra-precise with sixteen-bit control and may be slowed down linearly to a minimum speed of two revolutions per hour. Tilt movement is wide and very fast: 90° x 250 bpm.

AN EXTRAORDINARILY BRIGHT SCANNER

The SPHERISCAN is without a doubt much more powerful and brighter than any of the other scanners that came before it. Its spanking new OSRAM lamp works at 1200 Watt, featuring a basic color temperature of 6000 kelvins. The luminous efficacy of the light is extremely high: 85 lm/W.

A VERY WIDE 13°- 34° ZOOM RANGE

The SPHERISCAN has a high speed zoom, which starts from a minimum of thirteen degrees. Thanks to its large mirror, the maximum beam angle reaches 34 degrees.

The focus is electronic. The front lens is a large 80 mm in diameter (3.15") and produces a full-bodied beam which is clearly visible even hundreds of meters/yards away.

THE FIRST MOVING-MIRROR LIGHT FOR OUTDOOR USE

This is another absolutely unique feature: the SPHERISCAN is also built to be used outdoors. A special housing and transparent dome, which protects its mirror, gives it an IP54 protection rating (vertically and horizontally $\pm 45^\circ$).

NEVER BEFORE HAS A SCANNER HAD SO MANY FUNCTIONS

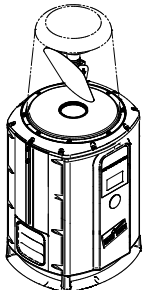
The SPHERISCAN has all the effects of the most advanced moving-head spotlights: one wheel with 6 indexable and interchangeable rotating gobos, one wheel with 8 static gobos, a rotating prism, a fast sixteen-blade iris, a variable frost filter, a shutter-strobe and a dimmer. The colors may be inserted smoothly and linearly, and cover a broad spectrum shades, thanks to the CMY system and a 7-color wheel. The effects and movements are handled by a sixteen-bit controller.



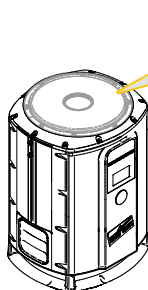
Strong handles can be used as ground support when the light is placed vertically on stage

OTHER EXCLUSIVE WAYS TO USE THE SPHERISCAN

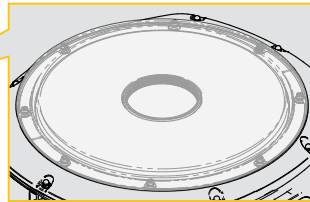
Using a special support system (optional), the SPHERISCAN may be recessed into the stage floor, with only its transparent head visible. It therefore becomes an innovative part of the set design and makes original grazing projections possible.



SPHERISCAN
code C11260



SPHERILIGHT
code C11270



IP54 special cover when projecting light without mirror and dome

You can also use the SPHERISCAN to project light directly, without the mirror. In this configuration (Spherilight), the fixture may be protected to IP54 by fitting a special cover over the front lens (optional).



Special handles allow the fixture to be ground recessed for grazing projections

THREE RGB LEDS UNDER THE DOME

The SPHERISCAN is above all a creative lighting effect. Its scenic performance is further enhanced by a RGB LED system, built into its top head, which turns it into a glowing transparent dome. Three dedicated DMX channels allow for unlimited colors, that can be harmonized with or

be different from the main light-beam. A new creative dimension is thus made available, making of SPHERISCAN a beautiful set decoration fixture, that can be placed (recessed or not) anywhere on the stage floor.



An RGB system turns the head into a glowing dome

WEIGHT AND DIMENSIONS

■ 35 Kg (77.16 lbs)

LxWxH (mm):

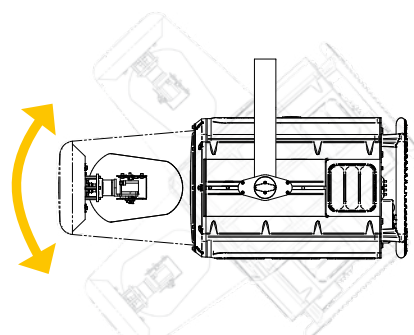
360 x 390 x 885 (with brackets: 570 x 570 x 885)

LxWxH (inches):

14.11 x 15.35 x 34.84 (with brackets 22.44 x 22.44 x 34.84)

PRACTICAL AND SIMPLE TO RIG

The SPHERISCAN's bottom is fitted as standard with strong handles, which make moving and installation easy. These handles themselves can be used as ground support when the light is placed vertically on the stage. Optional quick fit and release handles speed up operations even further. The light may be fitted to trusses in any position, depending on requirements, using a $\pm 45^\circ$ swivel bracket.

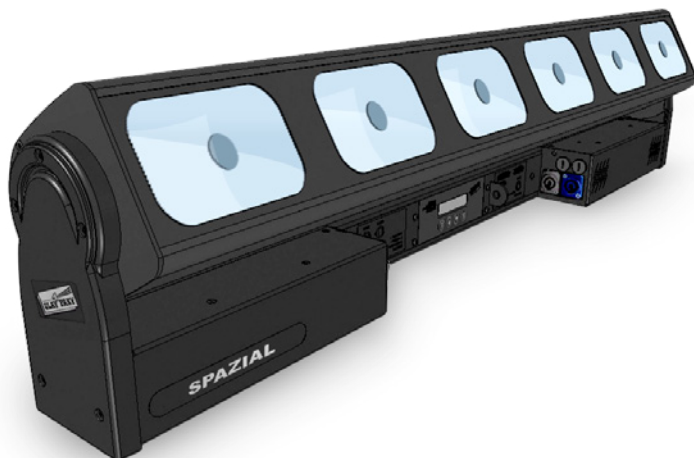


$\pm 45^\circ$ swivel bracket movement

The SPHERISCAN is therefore a tribute to the past with an endless variety of state-of-the-art technical features. It is a powerful effects light capable of adding a new distinctive touch to shows and an appliance you can use on many occasions, including big events, indoor and outdoor concerts and architectural installations.

SPAZIAL

A LED BAR TURNS INTO A BRAND NEW MULTI-BEAM EFFECT LIGHT



True to its tradition, Clay Paky presents a light that creates never-seen-before effects. The SPAZIAL is an advanced moving LED bar which allows lighting designers to enhance their shows.

Its first innovative feature lies in the light sources used. The SPAZIAL fits six brand new powerful OSRAM Ostar RGBW LEDs. Each LED has a power rating of 30W, but takes up the same amount of space as an old 10W LED. This has allowed Clay Paky to build a really powerful bar, which is also compact.

The SPAZIAL has a 240° motorized tilt with super fast, very smooth movements (240° in as little as 0.2 seconds). However the most stunning effects are those created by the special optical unit made by Clay Paky (patent pending).

It is equipped with a motorized optical zoom capable of a minimum beam angle of only 2.2°. Thanks to its extraordinary lenses, the SPAZIAL is able to produce six very narrow, dense light beams. It is as if there were six beam lights shooting parallel beams into the air. No comparable LED bar is able to produce a similar effect. The SPAZIAL may also be used to create sharp kaleidoscopic effects with iridescent light, even when projected onto a surface.

The maximum zoom beam angle reaches 30° and transforms the SPAZIAL into a multi-beam wash light with high luminous efficiency, capable of sweeping splashes of color.

SPECIFICATIONS

- Light source: 6 Ostar OSRAM LEDs driven at 30 watts.
- Distance between LEDs: 166.67 mm. It may be rigged in a horizontal or vertical array with constant spacing.
- 2.2°-30° motorized zoom.
- Double-mirror optical unit made by Clay Paky. Size of moving mirror: 80 x 100 mm (3.15 x 3.93 inches).
- Motorized 240° tilt.
- Independent RGBW system for each LED.
- CTO on dedicated channel
- 16-bit dimmer and 24 Hz strobe (1-20 flash/second).
- Control inputs: DMX cable, ARTNET on Ethernet.
- Standard input sockets: Powercon in/out, DMX in/out and Ethernet in/out (ART-net protocol with internal switch).
- User interface: Graphic display with four buttons.
- Backup battery for continuous Ethernet power supply.
- Rotating bar structure: extruded aluminium heat sink with forced ventilation
- Quick fit horizontal and vertical hooks for fitting together in arrays, with possible inward and outward rotation.

- Adjustable ground positioning pedestal.
- Sockets are arranged within the bar structure itself to prevent interference with adjacent trusses or bars when rotating.
- Flight case for 4 units.

WEIGHT AND DIMENSIONS

■ 12 Kg (26.45 lbs)

mm (LxWxH): 1000 x 170 x 260

inches (LxWxH): 39.37 x 6.69 x 10.24

BUT THERE IS AN EVEN MORE SURPRISING FEATURE!

The optical unit coupled to each LED consists of a motorized system with double mirror. This means each beam of light may be directed independently of the others, thus adding a further degree of freedom to the bar besides the tilt.

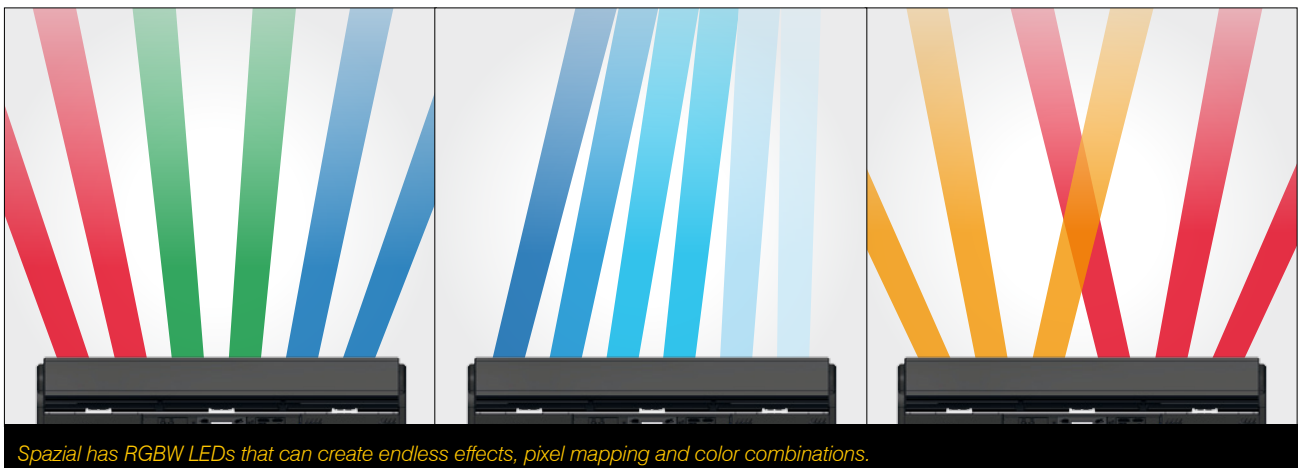
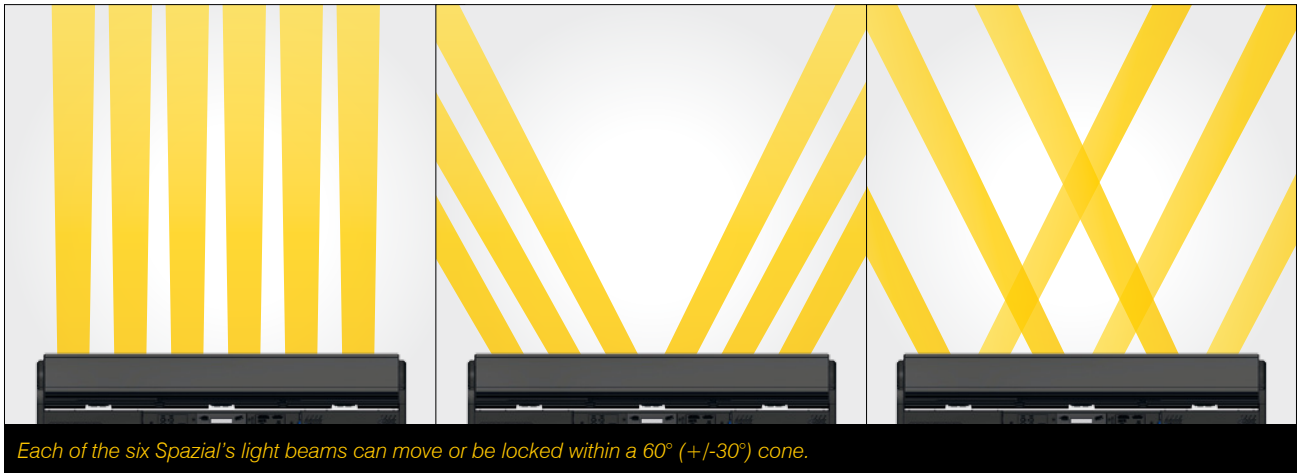
Each of the six light beams can move or be locked within a 60° (+/-30°) cone. Thanks to this ingenious, original optical unit, the LED bar produces an effect similar to six separate lights, which can work synchronously or asynchronously with respect to each other.

Even further creative freedom stems from the fact each LED has its own dedicated control for all its parameters: color, 16-bit intensity and 24 Hz strobe (1-20 flashes/second).

The color is created through R+G+B+W channels and the color temperature can be adjusted linearly, thanks to a dedicated CTO channel. Programming is made easy with a wide range of color, effect and movement macros.

The SPAZIAL produces truly innovative lighting effects and stands out for its high light output and extremely concentrated or diffuse beam. It can work in a horizontal or vertical array and produce endless combinations of fixed or moving beams with countless colors at innumerable angles.

The SPAZIAL is compact and durable, and weighs only 12 Kg (26.45 lbs).



IGLOO SERIES

A TRULY COMPLETE RANGE OF HIGH QUALITY OUTDOOR COVERS

code C61199 (IGLOO WL)
code C61197 (IGLOO EASY)
code C61196 (IGLOO ECO)

If you are looking for quality protection so that you can use your Clay Paky lights outdoors, the IGLOO is the ideal solution for you. IGLOO is a range of sturdy outdoor covers specially designed for professional show lights. They consist of a strong steel base and a highly transparent capacious plastic dome.



The base is of course fitted out for all electrical and signal connections, all of which are protected against the weather. Since lights generate a lot of heat, the base also has "conditioning" and air circulation devices so that the temperature inside the dome is kept ideal, also taking the outside air temperature into consideration.

The dome is made of completely transparent polycarbonate with outstanding impact strength and high transparency. In addition, the dome is moulded in such a way that the plastic molecules are aligned. This means the light can pass through the cover without the projected image being distorted.

The possibility of housing a light depends on two factors: the size of the appliance and its working temperature. You can also house lights made by other manufacturers provided if they are compatible in terms of size and heat generation.

The IGLOO range comprises three models (IGLOO WL, IGLOO EASY and IGLOO ECO) which differ in their basic features and the way the control signals are connected.

The features the three versions have in common are:

- The Igloo dome is injection moulded from UV-resistant transparent polycarbonate, and is carefully designed to ensure flawless projections without loss of light or image distortion.
- The Igloo has been designed to accommodate any model of moving light from Clay Paky's own Mythos, Supersharpy, Alpha 700, Alpha 300, Sharpy, Sharpy Wash, A.leda Wash and A.leda B-EYE series.
- Power is supplied via two cables with cable glands: one for the dome internal devices, the other for the luminaire.
- The Igloo is equipped with four carrying handles and offers the option of a flight case for safe transport.
- Installation follows a quick, plug-and-play procedure requiring no tools or special skills. A mechanical multi-positional fixing system allows a variety of compatible luminaires

to be fixed. Once sealed, internal electrical connection is done via the supplied Powercon socket, and an integrated XLR socket allows connection to the fixture's DMX interface.

- The base is extremely shallow allowing the beam to point in any direction without being blocked or masked – even at maximum downward tilt.

- The Igloo is entirely weatherproof, with each component offering IP54 protection. The locking system connecting the base to the dome is equipped with a watertight seal and fasteners; power and data cable glands are certified for outdoor use. A flexible mounting system allows the Igloo to be oriented in any position without compromising its high IP rating – either placed on the ground, hung upside-down or fixed to upright structures in a horizontal position.

The features that differentiate the three models are:

The IGLOO WL comes with a built-in wireless transmitter/receiver, which is especially useful when the light is fitted some distance away. With the IGLOO EASY and IGLOO ECO, you may simply connect the lighting system DMX cable to the IN/OUT sockets found in the base.

In the case of the IGLOO WL and IGLOO EASY, the air inside the dome is conditioned by a self-adjusting heating and cooling system. It works fully automatically and is activated by built-in heat sensors. The inside temperature is always kept above zero and below 35°C.

MYTHOS

IS ALREADY LEGEND



SUPERHERO ID

NAME MYTHOS

BORN 2014

SPECIAL FEATURES THE MOST ADVANCED FORM OF HYBRID LIGHT

LAMP 470W, 7800K discharge lamp - 150,000 lux at 20 m

OPTICS Large 160 mm Ø front lens

SPOT 4°- 50° electronic zoom (Spotlight mode)

BEAM 2.5° aperture and "pipe" effect (Beam mode)

FOCUS Perfectly sharp focusing along the entire beam length

WASH Frost filter for soft-edge projection (Wash mode)

COLORS CMY color mixing + 14 colors on 3 wheels

GOBOS 6 HQ dichroic rotating gobos and 18 fixed metal gobos

EFFECTS Advanced visual effect disc (animation disc)

PRISMS 2 indexable rotating prisms (8-facet and linear 4-facet)

DESIGN Patented Italian Design



STORMY

MORE THAN A STROBE. A REAL TEMPEST



SUPERHERO ID



NAME *STORMY*

BORN *2014*

SPECIAL FEATURES *THE LATEST LED TECHNOLOGY MEETS
THE CHARM OF A CLASSIC STROBE*

LAMP 144 x 7W Oscon OSRAM LEDs (5,700 K - 50,000 h)

OPTICS Perfect emulation of a bright Xenon strobe linear lamp

ANGLE 42° beam aperture and 130° spatial diffusion

BRIGHTNESS 80,000 lm (Stormy) - 40,000 lm (Stormy CC)

COLORS RGBW system (Stormy CC only)

DIMMER 0-100% adjustable dimmer

PULSE CONTROL Full control of strobe pulse duration and pulse rate

BARNDOORS Beam opening control by optional barndoors



SUPERSHARPY

A BEAM PUSHED TO THE NTH DEGREE

SUPERHERO ID

NAME **SUPERSHARPY**

BORN **2014**

SPECIAL
FEATURES **A BEAM PUSHED TO THE NTH DEGREE**

LAMP 470W, 7800K discharge lamp - 165,000 lux at 20 m

OPTICS Large 170 mm Ø front lens

BEAM Adjustable beam angle from 0 to 4°

FOCUS Focused images projections even tens of metres away

WASH Frost filter for soft-edge projection

COLORS CMY color mixing + 14 colors on 3 wheels

GOBOS 7 HQ dichroic rotating gobos and 18 fixed metal gobos

PRISMS 1 indexable rotating prism (8-facet)

DESIGN Patented Italian Design



Be social !

Follow us on:



AN OSRAM BUSINESS

CLAY PAKY S.p.A. - I - 24068 Seriate (BG) - Via Pastrengo, 3/b
Phone +39 035 654311 - Fax +39 035 301876 - www.claypaky.it - info@claypaky.it