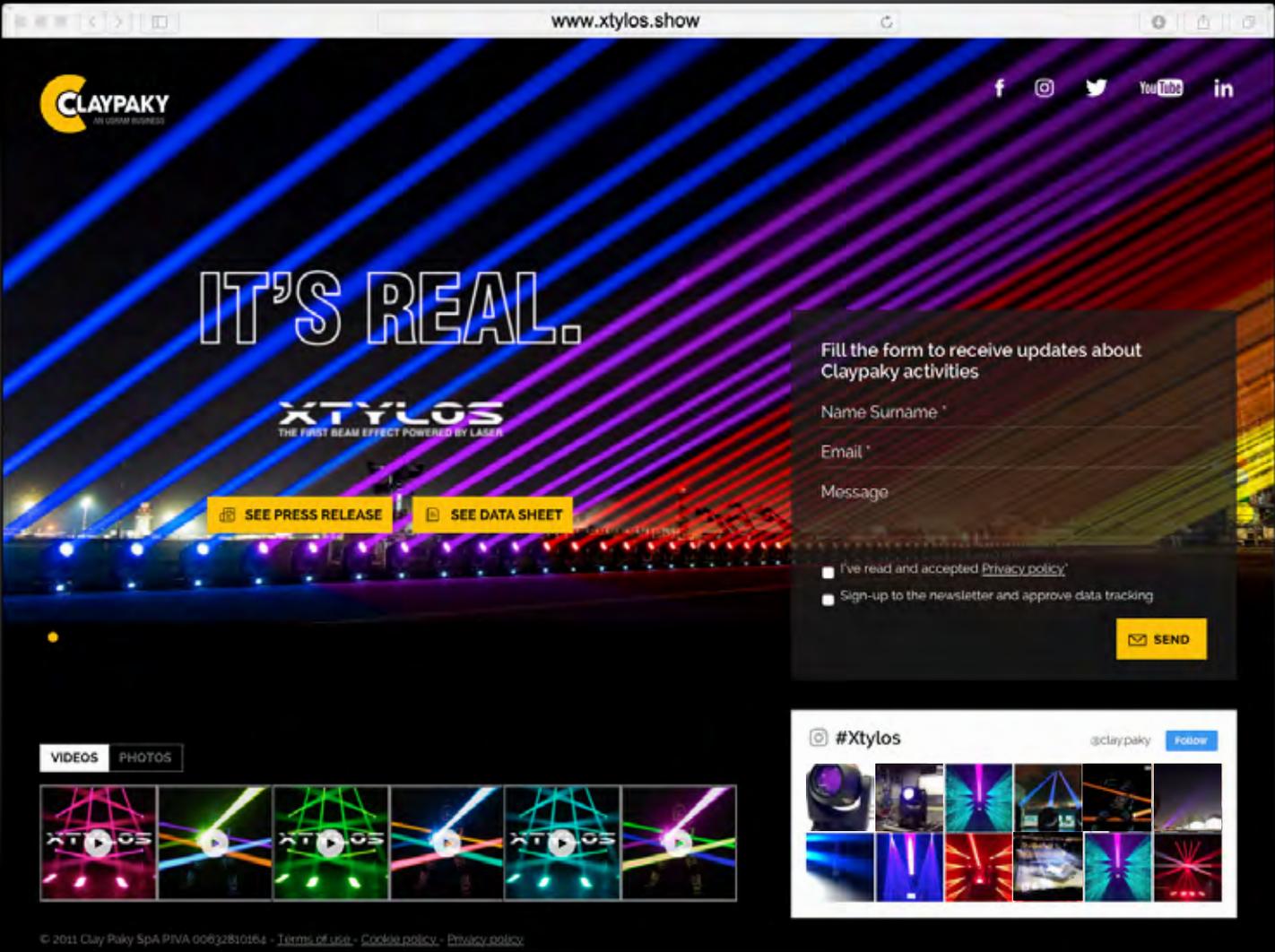




# NEW PRODUCTS 2019-20

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COVER: installation with 100 Xtylos @ Jova Beach Party 2019 Linate, Milan, September 2019. Concept by Giò Forma Studio

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# XTYLOS

## THE LASER REVOLUTION IN BEAM MOVING LIGHTS

The entertainment industry is constantly looking for new technology to impress audiences with new surprising effects. Nowadays, rapid technological development means that new fixtures, which perform better in terms of power, light output and lifespan, while reducing weight and overall dimensions, are continually introduced onto the market. However, they are usually an evolution of previous models rather than being revolutionary. The new Claypaky XTYLOS, on the contrary, is a real revolution.

The XTYLOS stems from the joint

experience of two great companies: Osram, one of the world's leading manufacturers of light sources, and Claypaky, which has constantly innovated the world of show lighting by inventing luminaires that have become industry standards.

The XTYLOS uses a totally innovative technology. It is a compact beam moving light with unique optical and chromatic characteristics, making use of a **tailor-made laser source**. This laser source is enclosed in a reliable, safe and fully sealed module and it is the powerful engine of an incredible array of colors.

This mode of using a laser source is very innovative. Lasers are renowned for being rather complicated and expensive devices; so far their most frequent application as a light source has been in the field of video projection. To use laser light in the new XTYLOS, Claypaky and Osram's R&D departments have created a totally new, patent-pending optical group and carried out countless tests on performance and safety aspects. The result is a luminaire with no equal on the market.



**CLICK TO VISIT**  
[www.xtylos.show](http://www.xtylos.show)



*Installation with 100 Xtylos @ Jova Beach Party 2019  
Linate, Milan, September 2019. Concept by Giò Forma Studio*

**Let's look at the main exclusive features of the XTYLOS:**

#### **HIGH ENERGY EFFICIENCY**

Its power consumption and luminous efficacy are excellent. Each of the RGB colors requires less than 100 Watt, the equivalent of a low consumption fixture, but the resulting light output easily exceeds any high-power beam moving light.

#### **FULL BEAM OF LIGHT WITHOUT VISIBLE HOTSPOTS**

A special patent-pending design optical system turns the laser-emitted light into a solid, dense,

saturated light beam without any visible hotspots. The beam aperture ranges from 1° to 7° and it can be decreased further to 0.5° using the beam diameter reducers provided on the gobo wheel. The resulting pencil beams are of exceptional intensity, and cannot be reproduced by any other light sources, either LED or traditional.

#### **AMAZINGLY BRIGHT AND SATURATED COLORS WITH THE EXCLUSIVE TURBO COLOR SYSTEM**

The XTYLOS uses laser technology with RGB additive color mixing. In contrast to the subtractive mixing

used with discharge lamps, colored light beams are as bright as a white light beam! With the XTYLOS you always have a **Turbo-Red**, a **Turbo-Blue**, and a **Turbo-Green** at your disposal, together with all their combinations, which are infinitely brighter than those produced by a traditional bulb. Color consistency is literally unequalled both across different fixtures and during lifetime. Lighting designers will finally be able to create their shows making extensive use of colors, without fear of them being overwhelmed by the rest of the lighting rig.

## EFFECTS

The range of effects is very wide and complete: two gobo wheels - with 7 rotating gobos and 12 fixed gobos (including 7 beam diameter reducers) - a wheel with 3 prisms + 1 frost, and a sixteen facet prism on a dedicated channel which can be overlapped with the prism wheel. These effects are enhanced by the laser source and by the visibility of the aerial colors, giving rise to never-seen-before mid-air effects.

## UNMATCHED DYNAMISM

Effect and color changes alternate virtually instantaneously, in such a way that they are difficult for the human eye to perceive. Besides allowing lighting scenes to be changed very quickly and accurately, the speed of this change itself can be used as a breath-taking effect.

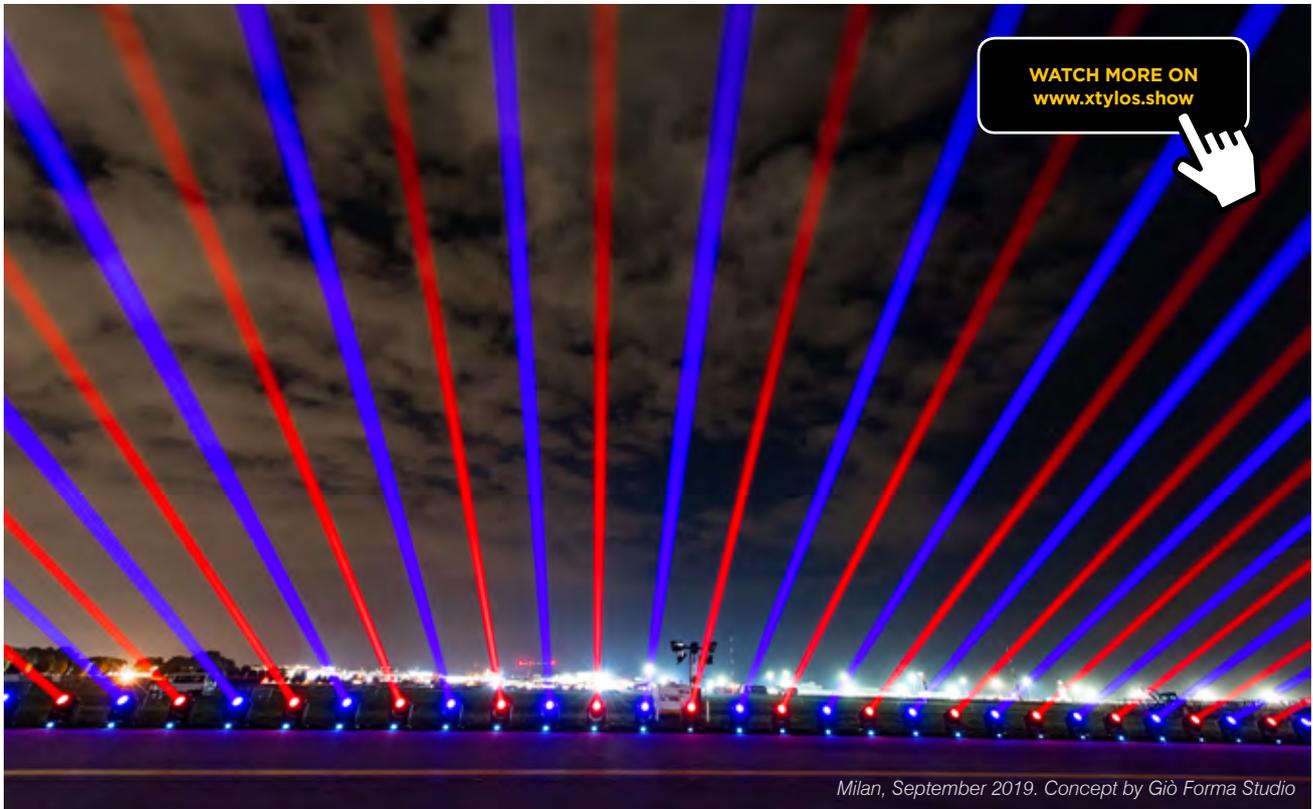
## SAFE, SEALED LASER MODULE

The laser unit is housed in a safe, sealed module, which is not accessible to users. This module produces a beam of light with incredible optical characteristics: bright, perfectly collimated, uniformly mixed and evenly distributed across its section. Unlike some discharge lamp fixtures, its beam comes with a negligible amount of heat, so there is no risk of heating up scenery and objects.



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Milan, September 2019. Concept by Giò Forma Studio

**SMALL DIMENSIONS**

An extraordinarily compact housing, together with the most advanced electronics on the market, make the XTYLOS extremely fast and responsive to pan-tilt movements. Its compact size means it can be easily installed on pre-rigs or housed inside the Claypaky Igloo for fixed outdoor installations.

**LONG LASTING SOURCE WITHOUT DECAY**

The laser source lasts for approxi-

mately 10,000 hours (equivalent to eight to ten years of average use by a rental company) with **minimal decay** in luminous efficacy. This is a significant technology improvement which results in an excellent ROI for rental companies.

**INTERNAL MODULARITY**

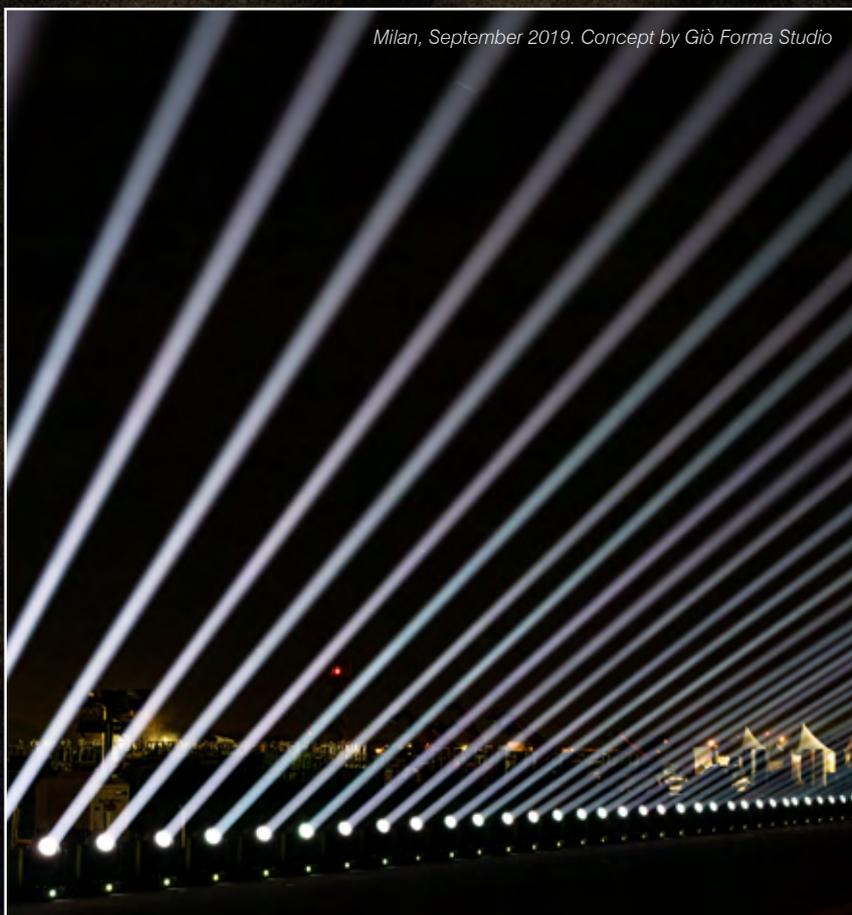
The laser module is easily accessible and replaceable at the end of its life. The electronic module is a disjointed unit and it may be replaced separately from the light source, if faulty.

The XTYLOS is definitely the **most dynamic light on the market**. It is ideal tool for all rental companies, for use at major events, and at any show which would like to stand out with colorful beams and never-seen-before effects. It is also perfect for permanent installations in theme-parks and TV studios.

**The XTYLOS is the first moving head light with a laser source, and this opens up new, surprising prospects for the development of the entire entertainment lighting world.**



Milan, September 2019. Concept by Giò Forma Studio



Images taken from the XTYLOS video shooting



CLICK TO WATCH THE VIDEO ON YOUTUBE



## WEIGHT AND DIMENSIONS

25 Kg (55 lbs)

391mm x 294 mm x 603mm (15.4" x 11.6" x 23.7")

## MAIN FEATURES

- Light Source: Tailor-made laser engine, enclosed in a sealed module
- Long lasting light source (10,000 hours) with minimal decay
- Solid, flat field, saturated, ultra-concentrated light beam without any visible hotspots.
- Aperture: 1°-7° range (up to 0.5° using beam diameter reducers)
- RGB additive color mixing, with exclusive Turbo-colors
- Unequalled color consistency both across different fixtures and during lifetime.
- Exclusive mid-air graphic effects
- One wheel with 7 rotating gobos
- One wheel with 12 fixed gobo slots (incl. 7 beam reducers)
- One wheel with 3 prisms and 1 frost filter
- Sixteen-facet prism on a dedicated channel
- Unmatched effect and color change speed
- Compact housing with easy accessibility to all modules
- Extremely fast pan-tilt movements
- Ultra-precise 24-bit digital dimmer

November 2019

Subject to change without notification



RISK GROUP 3 - WARNING: POSSIBLY HAZARDOUS OPTICAL RADIATION EMITTED FROM THIS PRODUCT. DO NOT LOOK AT OPERATING LAMP SOURCE. EYE INJURY MAY RESULT. EN/IEC 62471 - HAZARD DISTANCE: REFER TO THE MANUAL. CLASS 1 LASER PRODUCT, ACCORDING TO IEC 60825-1:2014-05 CLAUSE 4.4.



# SHARPY PLUS

## A NEW REVOLUTION: THE FULL HYBRID

The biggest revolution in recent years was the Sharpy with its narrow concentrated beams. Today this iconic product has a worthy successor: the SHARPY PLUS, the first true **100% HYBRID** unit, able to be a perfect beam light and a perfect spotlight.

Just as the Sharpy was a beam moving light for all budgets, the SHARPY PLUS too is the first hybrid unit that everyone can afford, or better, that everyone will



want to buy. Because there are no other more versatile lights on the market. It is suitable for every occasion, with an extraordinary luminous efficiency which ensures substantial savings through lower power consumption.

The SHARPY PLUS is a small gem of lighting technology, and yet another example of Claypaky's tradition for innovation. It fits an **Osram Sirius HRI® 330W X8 lamp**. Claypaky has pragmatically chosen a discharge lamp for this unit, which is bound to sell widely, since, when you are seeking extraordinary yet cost-efficient performance, it is still the technology that ensures the best lumen/watt ratio and best \$/watt operating costs. The lamp used in the SHARPY PLUS, moreover, has top ranking performance.

The SHARPY PLUS weighs only 23 kg (50.7 lbs), and all its functions are extremely quick. Its body is slightly

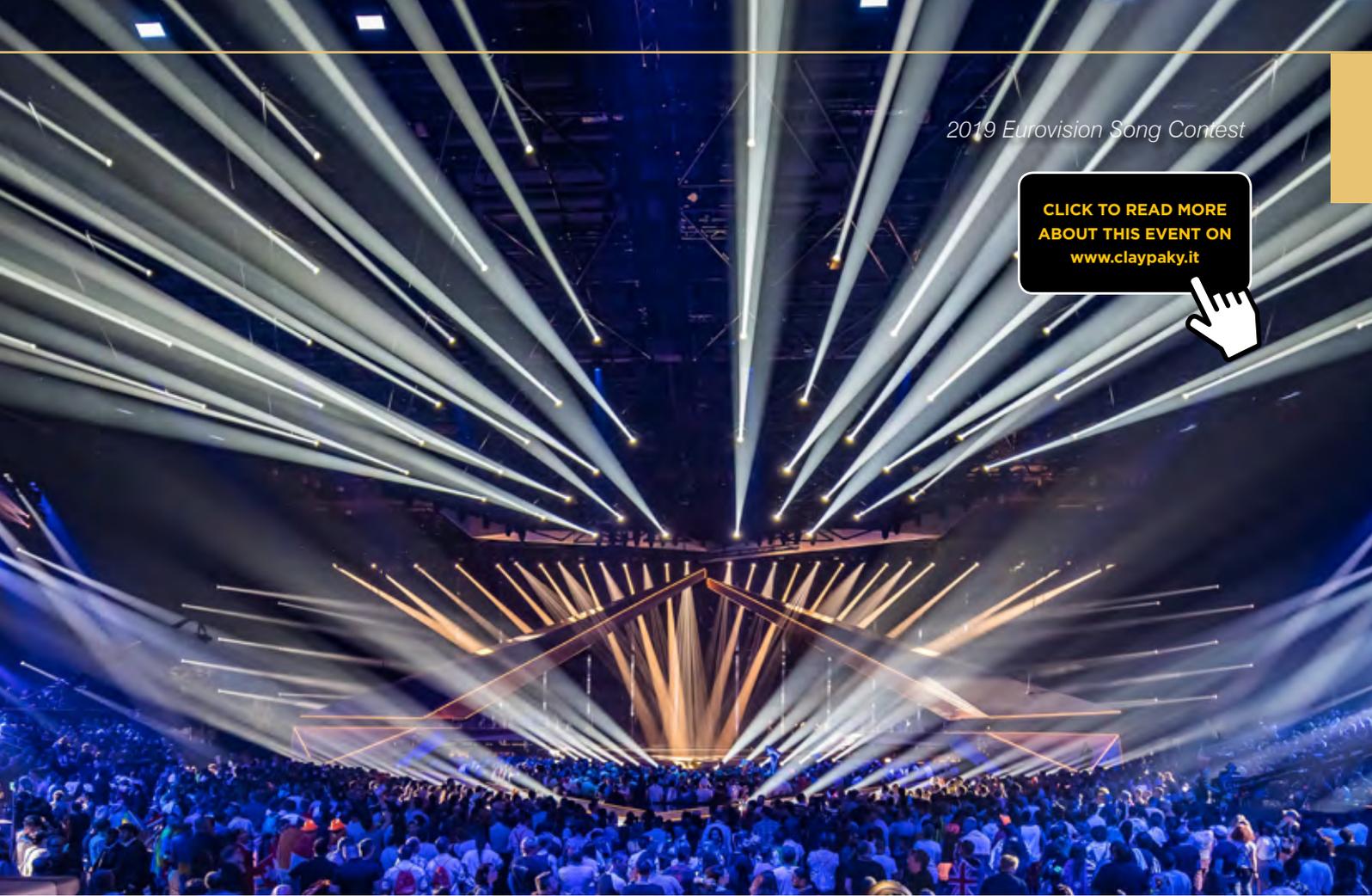
larger than the Sharpy's, to house a high quality optical unit with a zoom that ranges from 3° to 36°. Without this lens, the SHARPY PLUS would not be the full hybrid light that everyone wants.

Its minimum beam angle of 3° makes it possible to generate the narrow parallel light beams essential for beam light mode. Its wide zoom range also allows large beam angles, which makes the SHARPY PLUS a perfect spotlight for all purposes.

The SHARPY PLUS has two independent operating modes: in **BEAM mode**, the aerial effects are enhanced by the way the Sirius lamp is made. It is capable of extraordinary power output (over 300,000 lux at 10m distance), which the optical unit enhances through a marked hot spot.

In **SPOT mode**, the light is diffused in

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a more even way which means visual effects can be projected with excellent uniformity. Its **3° to 36° (1:12) zoom** covers the entire range **linearly**, both in spot mode and in beam mode. This feature makes the SHARPY PLUS unique on the market.

It has the widest range of effects and color production tools ever seen for a light of this size and in this power category. The color system is at the cutting edge technologically. Unlike other lights, which only have fixed colors, the SHARPY PLUS has a CMY system with three hybrid wheels. They

are used partly for accurate, complete color mixing, and partly to produce fifteen special colors. It also fits two CTO filters.

There are eight rotating glass gobos and eighteen fixed gobos for the aerial and projected visual effects, including six beam reducers for beam mode. There is also a four-faced prism and an eight-faced prism; the two prisms are independent and can be superimposed. Lastly, there is even a beautiful animation wheel, which can be combined with the gobos, and a linear frost effect to create soft edges.

### THE FULL HYBRID REVOLUTION HAS BEGUN!

The SHARPY PLUS has no match. With its wide range of effects and high light output, it beats all the lights in the same category and comes very close to those of higher wattages, but with a much more appealing price tag.

### SHARPY PLUS, THE TRUE FULL HYBRID: 100% BEAM LIGHT, 100% SPOTLIGHT

SHARPY PLUS: high Claypaky quality for units that will ensure their owners the best operating costs and quickest return on investment.

## MAIN FEATURES

- Source: Osram Sirius HRI® 330W X8 arc lamp
- Two projection modes: Beam and Spot
- 3°- 36° linear zoom in both modes
- CMY color mixing
- 15 colors on 3 wheels
- 2 CTO filters
- Rotating Gobo Wheel: 8 glass gobos
- Static Gobo Wheel: 18 fixed gobos (incl. 6 beam reducers)
- Rotating 4-facet prism on dedicated channel
- Rotating 8-facet prism on dedicated channel
- Animation wheel
- Linear, soft edge frost filter
- Dimmer and stop/strobe

## WEIGHT AND DIMENSIONS

**■** 23 Kg (50.7 lbs)  
mm (LxWxH): 375x307x634  
inch (LxWxH): 14.8x12.1x24.9



# SHARPY PLUS AQUA

THE POWERFULLY BRIGHT IP65 SHARPY PLUS THAT'S NOT AFRAID TO PLAY IN THE RAIN

Designed in the spirit of the award-winning Sharpy Plus platform, the SHARPY PLUS AQUA luminaire is an IP65-rated moving head fixture perfect

for outdoor events, touring, permanent installations, cruise ships, and much more. This new fixture maintains the same performance features of its

predecessor, the Sharpy Plus luminaire, in a new weather-resistant package; giving you greater flexibility in a single luminaire.



*Illustrative purpose only*

When designing a weather-resistant moving light, performance and features are often sacrificed. Not with the SHARPY PLUS AQUA luminaire. Claypaky addressed and enhanced the design of the SHARPY PLUS AQUA in critical areas to make sure this fixture maintains the brightness, efficiency, and performance you need and expect. The cooling system was redesigned and optimized specifically for this new outdoor configuration for the Osram Sirius HRI® 330W X8 lamp currently

used in the Sharpy Plus fixture. This lamp is a proven performer in its reliability, output, and being consistent in both brightness and color temperature.

Just like the Sharpy Plus, the SHARPY PLUS AQUA fixture offers two distinct operating modes – beam or spot. The 3° to 36° zoom covers the entire zoom range linearly with a beam that is always perfectly sharp and uniform in either mode. The SHARPY PLUS AQUA also offers the same complement of prisms, rotating and fixed gobos, color wheels, CMY color mixing, and more. So, if you need to use both the Sharpy Plus and SHARPY PLUS AQUA on a production, you can be assured of a consistent look and performance from these fixtures.



The SHARPY PLUS AQUA is also an appealing unit when you consider the value. At a price point every rental company will appreciate, you can take home a light with truly excellent performance, which you can use in a wide range of environments and entertainment venues, whether your requirements are for a beam or spot fixture, for indoor or outdoor applications.

## MAIN FEATURES

- Moving head fixture for outdoors (IP65 protection rating)
- Source: Osram Sirius HRI® 330W X8 arc lamp
- Two projection modes: Beam and Spot
- 3°- 36° linear zoom in both modes
- CMY color mixing
- 15 colors on 3 wheels
- 2 CTO filters
- Rotating Gobo Wheel: 8 glass gobos
- Static Gobo Wheel: 18 fixed gobos (including 6 beam reducers)
- Rotating 4-facet prism on dedicated channel
- Rotating 8-facet prism on dedicated channel
- Animation wheel
- Linear, soft edge frost filter
- Dimmer and stop/strobe

## WEIGHT AND DIMENSIONS

■ 38 Kg (83.8 lbs)  
336mm x 420mm x 731mm (13.2" x 16.5" x 28.8")





# REFLECTXION

## THE MOVING MIRROR THAT ALLOWS YOU TO BEND AND SHAPE LIGHT WITHOUT EVER LOSING IT

Not all the lighting equipment on stage must be a lighting fixture. Claypaky introduces a new tool for lighting designers to expand on their creativity called REFLECTXION, the next generation moving mirror.

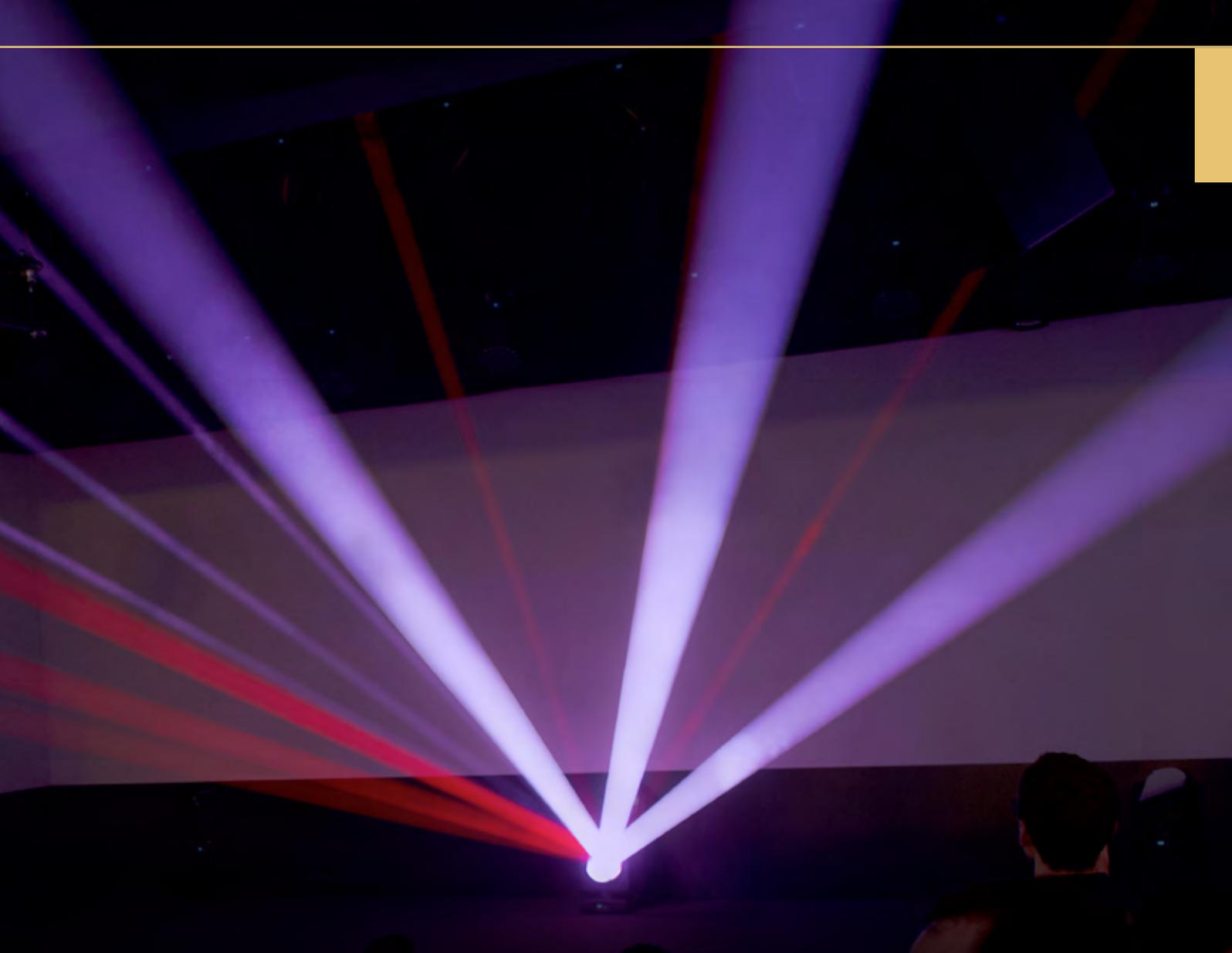
This moving mirror has a highly reflective 390 by 280mm mirror, featuring up to 99% reflectance without chromatic aberrations. REFLECTXION can redirect beams of light from any stage light with

the same intensity as it receives them. The unit offers 540° PAN and unique, continuous TILT movement at adjustable speeds. Furthermore, the REFLECTXION's mirror is the same on both sides giving you two highly reflective surfaces with which to direct light beams.

Using the same omega clamp hanging system as with all Claypaky luminaires, this compact moving mirror can be used virtually anywhere

on or off stage in any working position. For control, the unit uses only six DMX channels and pan and tilt resolution are both 16-bit for precise movements. The unit's onboard LCD menu system is very user friendly and makes addressing and setup a snap.

The REFLECTXION is a simple, yet effective tool that adds a touch of magic to any light show.

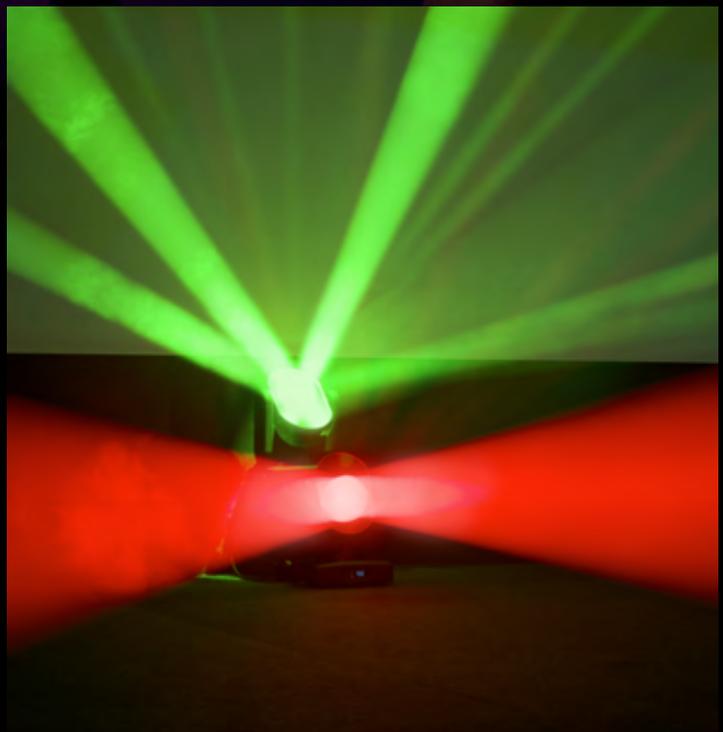


## MAIN FEATURES

- Size of mirror: 390x280mm (15.4"x11.0")
- Mirror type: 99% reflectance without chromatic aberrations (double sided)
- 540° pan and 360° continuous tilt movements
- 16-bit Pan and Tilt Resolution
- Adjustable rotation speed

## WEIGHT AND DIMENSIONS

■ 13.5 Kg (29.76 lbs)  
390mm x 390mm x 600mm (15.3" x 15.3" x 23.6")





## HY B-EYE



### THE NEW FRONTIER IN LED WASH LIGHTS

The B-EYE has revolutionized the way we think of LED show lighting. Its innovative optical unit has enhanced the uniformity and efficiency of the light output. The rotating front lens and the possibility to control each single LED individually have made spectacular kaleidoscopic projections and charming eye candy effects possible. A sophisticated effect engine has made it easier to routinely use macro effects, which would otherwise be difficult to program. These technological innovations made the B-EYE a versatile product: it is a high-performance LED wash light, a perfect beam light, and a spectacular visual effect projector all in one. It has won several awards and been

copied by countless manufacturers over the years.

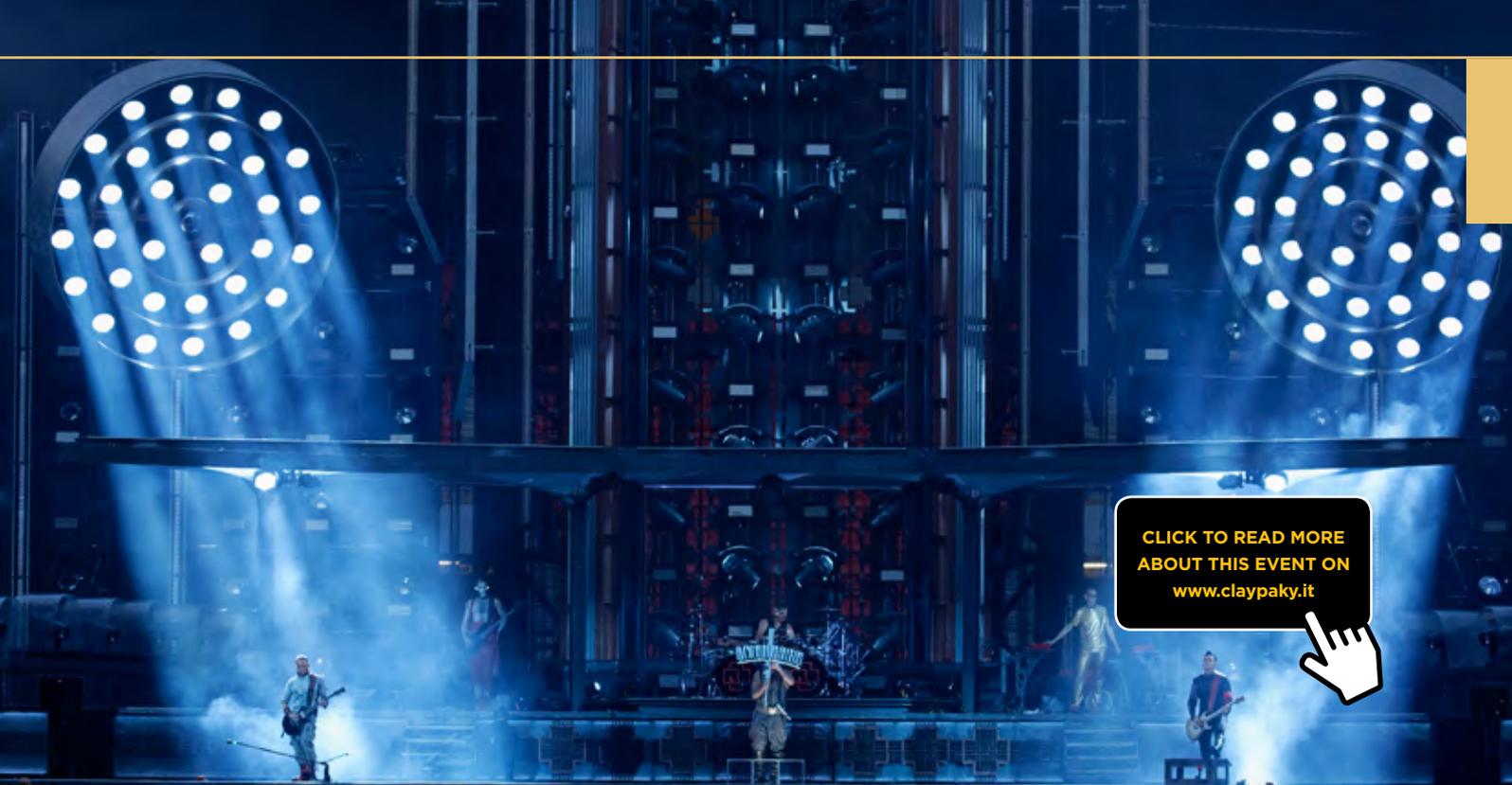
Today Claypaky markets the HY B-EYE with the same successful features, which have been enhanced and further enriched.

The HY B-EYE is more powerful, more efficient, more intelligent, more versatile and even quieter than ever!

Let's look at these features on the next two pages.



Singapore National Day Parade 2019



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*Rammstein - 2019 Europe Stadium Tour*

### MORE POWERFUL

The HY B-EYE fits **40 Watt Osram Ostar RGBW LEDs**. They are twice as powerful as the LEDs found in the original B-EYE.

Thanks to this greater power, lighting designers can be sure that the HY B-EYE will always be very bright and distinguishable, both when projecting and when seen from the front. The HY B-EYE can also be used at very large events and on enormous stages.

### EASIER TO PROGRAM

The HY B-EYE has the same channel lay-out as the B-EYE and the same extended or simplified programming options. It also has the same pre-programmed visual effect macros. But, with the HY B-EYE you can do even more! The HY B-EYE is the first Claypaky light with built-in **Kling-Net protocol**. Kling-Net is an advanced plug-and-play control solutions developed by the digital media specialists ArKaos. It can be used to distribute video data by Ethernet in real time to remote display devices, such as an array of LED light projectors. The benefits of using Kling-Net are manifold and are all aimed at enhancing the lighting designer's creativity, while making the management and synchronization of LED light parameters and functions more simple.

### HIGHER LUMINOUS EFFICIENCY

The HY B-EYE is extremely bright thanks to the combined effect of its light source and its special optical unit, which has been re-designed by Claypaky with glass rods to make the most of the power of the LEDs. The custom-made lenses collect all the light and convey it into a beam where the light from the individual chips is homogenized to achieve maximum uniformity. The lumen/watt ratio achieved is truly amazing, and higher than is reached by any other model of equal power.



*Rammstein  
2019 Europe Stadium Tour*



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*Singapore National Day Parade 2019*

**MORE VERSATILE**

The HY B-EYE is not only a new, more powerful wash light, but it also generates extraordinarily visible aerial effects, thanks to the light beam being twice the original power. Moreover the stunning mosaic of tiles of light on its front lens produce never-seen-before graphic effects. Thanks also to its wide linear zoom, the HY B-EYE is a truly universal light, able to adapt magnificently to small stages and rigs, and to large events. The HY B-EYE is available in 37 LEDs (HY B-EYE K25) and 19 LEDs (HY B-EYE K15) versions.

**MORE RELIABLE AND SILENT**

The rotating front and zoom lens design has been upgraded to provide full reliability at the roughest operation conditions. The zoom lens does automatically retract when the fixture is turned off, thus preventing mechanical damages during handling or when the unit is loaded into a flight-case. Among the main pluses of the HY B-EYE is its extraordinarily quiet operation. Several HY B-EYE units can be used in TV studios in any way. A new compact, functional body with a practical, elegant design makes the HY B-EYE ergonomically simple to install on any stage.

**FROM THE B-EYE TO THE HY B-EYE:  
BIGGER IN PERFORMANCE BUT NOT IN SIZE**

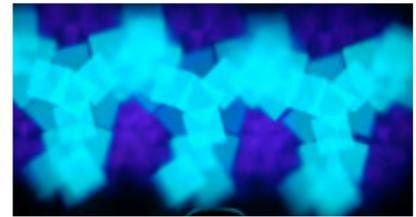
The double-power and significant features that characterize the HY B-EYE should not make you think of a larger, heavier, more complex unit. The HY B-EYE has similar dimensions as its predecessor, and weighs only 27.5 kg (60.6 lbs). The K15 version, more suitable for small stages, is only 49.6 cm high (19.5 inches) and weighs only 21 kg (46.3 lbs).



*Eurovision Song Contest*

## HERE IS A SUMMARY OF THE HY B-EYE'S FEATURES

- Power consumption: 1100 VA at 230V 50Hz (K25); 600 VA at 230V 50Hz (K15)
- Light source: RGBW LED Osram OSTAR - Stage II LE RTDUW S2WN (6000 K)
- LED power rating: 40 W
- Number of LEDs: 37 (model K25) or 19 (model K15)
- Three operating modes: wash, beam, effects.
- 4°-60° Linear Zoom.
- New design, reliable rotating front lens with bidirectional rotation
- Automatically retractable Zoom lens when the projector is turned off
- Individual control of all lighting parameters of each LED
- Digital framing effect in wash and beam modes
- Invisible front mask, eye candy effect
- Progressive softening of the beam edge (in wash light mode)
- Art-Net / RDM
- Built-in Kling-Net protocol
- Electronic linear dimmer (0-100%)
- Strobe: 1-25 flashes/s
- Dedicated channel for color temperature control
- CTC 2500-8000K with white light emulation
- Automatic adjustment of RGBW mixing to simulate light sources with particular color temperatures
- Halogen light emulation



*Creative effects produced by HY B-EYE and B-EYE*



**HY B-EYE K25**

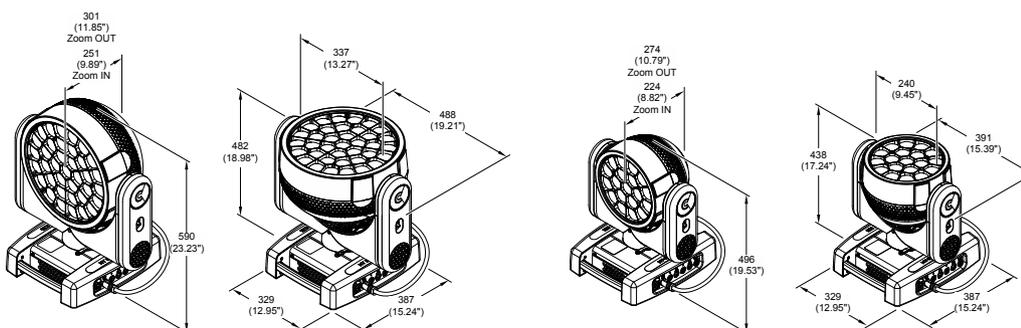
■ 27.5 kg (60.6 lbs)



**HY B-EYE K15**

■ 21 kg (46.3 lbs)

## DIMENSIONS (mm/inches)





6.5Kg



## MINI-B

### THE TINY MEMBER OF THE B-EYE FAMILY WITH A BIG STING!

Mini-B is the smallest LED beam light ever made by Claypaky for the professional market.

Although it weighs just 6.5 Kg (14.3 pounds) and measures only 34 cm (13.4 inches), Mini-B features the most modern optical and electronic technology. The light source is based on **40 Watt Osram RGBW LEDs**, the same ones fitted in the new Claypaky HY B-EYE. These LEDs, combined with a Claypaky optical unit including a collimator and seven external lenses, produce a highly efficient light output with very low power consumption. Thanks to its compact size and light weight, the pan and tilt movements can be driven at exceptionally high speed

and used to create exciting moving light effects, which are particularly useful at rock concerts.

Mini-B features a wide zoom, ranging from 4° to 55°, that makes this little luminaire extremely versatile. At the narrow angle, the beam produced is very solid and concentrated, superb for aerial effects. At full aperture, the Mini-B becomes an excellent wash light and it can replace much heavier and bulkier equipment, on stages, in TV studios, at multi-purpose venues and at clubs.

Thanks to its **competitive price**, Lighting Designers can afford to deploy as many Mini-B as they like to create amazing shows.



Optional handles

The Mini-B's central LED may be controlled separately from the external ring of LEDs, making it ideal for graphic lighting effects too. More than fifty pre-installed effects/color macros, 2500K-8000K color temperature control, a 16 bit dimmer with four curves, an electronic strobe @ 25 f/sec, and Ethernet access complete this highly professional tool.

#### MAIN FEATURES

- Light Source: 7 x RGBW Osram Ostar LEDs
- LED power rating: 40 W
- Extremely compact and lightweight
- Highly efficient light output, very low power consumption
- Very high-speed Pan and Tilt movements
- 4°-55° Zoom range
- Independent control of the central LED
- Pre-installed effects/color macros
- 2500K - 8000K color temperature control
- 16 bit dimmer with 4 curves
- Electronic strobe @ 25 f/sec
- Ethernet access

#### WEIGHT AND DIMENSIONS

■ 6.5 Kg (14.3 lbs)  
224Mm x 186mm x 340mm  
(8.8" x 7.3" x 13.4")

# AXCOR LED FAMILY

## A FAMILY OF VERSATILE HIGH PERFORMANCE LED LIGHTS

AXCOR LED luminaires are state-of-the-art and versatile moving heads. They are rationally designed and built to arouse emotions in all fields of entertainment.

Claypaky chose to use **white light LED sources** with very high light output and combine them with a system of traditional devices for creating colors and effects. AXCOR fixtures combine all the practical, maintenance, cost-containment and life-extension benefits of a LED light, with the projection quality, brightness and image definition required for a top class stage lighting product. The special attention paid to the

design of the LED engine cooling system means AXCOR lights can be enclosed in compact and lightweight bodies in each power category.

Today, the AXCOR family includes a wide range of models with different power outputs, able to cover all application areas. They range from the 110 watts of the AXCOR Beam 300 to the 880 watts of the AXCOR Profile 900, and include the newest 300W and 500W Profile spotlights. This versatility meets the needs of big stage productions and of small events, and ensures consistency of features and quality throughout the various power ranges.

Besides the versatility of the power range there is a versatility in terms of functions. Each light in the major classes comes in two versions: a model that puts the emphasis on light output, suitable for touring and events, and a model that enhances color rendering (CRI 90) for environments where light quality is paramount.



### THE AXCOR FAMILY

900		<b>AXCOR PROFILE 900</b> CT: 6500K lm: 46,000 CRI: 70		<b>AXCOR PROFILE 900 HC</b> CT: 5600K lm: 34,000 CRI: 90				
	600		<b>AXCOR PROFILE 600</b> <i>*version with flat beam is available</i> CT: 6500K lm: 28,000 CRI: 70		<b>AXCOR PROFILE 600 HC</b> <i>*version with flat beam is available</i> CT: 5600K lm: 21,000 CRI: 90		<b>AXCOR WASH 600</b> CT: 6500K lm: 28,000 CRI: 70	
400			<b>AXCOR PROFILE 400</b> CT: 6500K lm: 16,000 CRI: 70		<b>AXCOR PROFILE 400 HC</b> CT: 5600K lm: 12,000 CRI: 90		<b>AXCOR SPOT 400</b> CT: 6500K lm: 16,000 CRI: 70	
	300		<b>AXCOR BEAM 300</b> CT: 7600K lm: 4,000 CRI: 70		<b>AXCOR SPOT 300</b> CT: 7000K lm: 11,000 CRI: 70		<b>AXCOR WASH 300</b> CT: 7000K lm: 11,000 CRI: 70	



# AXCOR WASH 600

## THE VERSATILE, UNIVERSAL LED WASH LIGHT WITH FRAMING SYSTEM

The AXCOR WASH 600 is a versatile light which further enhances the AXCOR LED moving head range and naturally complements the AXCOR PROFILE 600.

It has several features that make it a unique luminaire in the market, a wash light with a wide field of applications. Thanks to its tailor-made optical unit, the AXCOR WASH 600 has a very high luminous efficiency in comparison with the nominal power of its LEDs.

It comes both in a standard version and one with a different LED engine,

designed to achieve CRI values of at least 90.

The AXCOR WASH 600 has a very wide range zoom. The 5° narrow beam produces dense aerial effects, thanks also to its exceptional **front lens of over 200mm** in diameter which enhances the beam visibility. With its 55° wide beam angle, this wash light is also ideal for use in theatrical and television environments.

The fixture is available with PC (standard), Fresnel or Clear lenses. The three types are interchangeable

and can be purchased separately. The AXCOR WASH 600 fits an internal **four-blade framing system**, that works on three focal planes and allows high flexibility and accuracy in shaping the wash beam at all apertures, with any lens type you choose.

The color is produced by a professional system in keeping with the Axcor Profile 600. It includes CMY color mixing, a linear CTO, and two overlapping color wheels with five colors each. One of the color filters provided increases the CRI value.

### MAIN FEATURES

- Source: 500W white LED engine
- Versions available:
  - CRI: at least 70, CT 6500K (Axcor Wash 600)
  - CRI: at least 90, CT 5600K (Axcor Wash 600 HC)
- Ø 200mm (almost 5 inch) front lens
- 5°- 55° linear zoom
- CMY + linear CTO
- Two overlapping color wheels with 5 colors each
- Motorized framing system, which operates over the entire zoom range
- Framing system, indexable over 90 degrees
- Electronic linear dimmer, 16 bit with 4 curves
- Electronic strobe @25 f/sec
- Available with PC, fresnel or clear lenses

### WEIGHT AND DIMENSIONS

- Axcor Wash 600 with PC lens: 33.9 Kg (74.7 lbs)
- Axcor Wash 600 with Fresnel lens: 32.9 Kg (72.5 lbs)

409mm x 330mm x 817mm  
(16.1" x 13.0" x 32.2")



**BEAM  
FRAMING  
SHUTTERS**

# AXCOR PROFILE 600

## THE NEW BENCHMARK ON THE HIGH-MEDIUM MARKET

In the crowded world of medium-high power lighting units, the AXCOR PROFILE 600 stands out for its high level performance and the superior quality of its light.

Its most interesting feature is its great versatility of use. This light can be used on every occasion, making it

an indispensable tool that all rental companies should have.

It fits a white LED engine and is available in two versions: a model that delivers 28,000 lumens, 6500 K and a CRI of 70, or alternatively a model that delivers 21,000 lm, 5600 K and a CRI of 90. The luminous efficiency of both versions

is among the highest in this power category, and it can be further increased by about 25% if necessary thanks to a boost mode.

Its wide zoom, from 5.3° to 47.2° (1:9 ratio), means the light can be used flexibly in every application, including when a narrow angle is preferable.

### MAIN FEATURES

- Source: 500W white LED engine
- Versions available:
  - CRI: 70, CT 6500K, 28000 lm (Axcor Profile 600)
  - CRI: 90, CT 5600K, 21000 lm (Axcor Profile 600 HC)
- Ø 132mm front lens
- 5.3° - 47.2° linear zoom
- CMY + linear CTO
- One color wheel with 5 colors
- One rotating gobo wheel with 7 gobos
- Rotating 4-facet prism
- Animation wheel (interchangeable with fixed gobo wheel)
- Motorized framing system with 4 focal planes
- Linear frost filter
- Iris with multiple macros (random, pulsing...)
- Electronic linear dimmer, 16 bit and 4 curves
- Electronic strobe @25 f/sec

### WEIGHT AND DIMENSIONS

**■** 33 Kg (72.7 lbs)  
 mm (LxWxH): 410x380x800  
 inch (LxWxH): 16.1x15.0x31.5



### CLAYPAKY BROADENS ITS RANGE OF LED SPOTLIGHTS FITTED WITH FRAMING SHUTTERS

The brand new, technologically advanced AXCOR PROFILE 600 and AXCOR PROFILE 400 join the Axcor Profile 900, and extend the Claypaky LED light family.





**BEAM  
FRAMING  
SHUTTERS**

# AXCOR PROFILE 400

## THE MOST PROFESSIONAL MOVING HEAD LED LIGHT IN THE MEDIUM CATEGORY

The AXCOR PROFILE 400 enhances the medium-low power category with sophisticated professional functions. It has an extraordinarily compact body (65 cm / 25½ inches high) packed with all the most advanced lighting, mechanical and electronic features.

These include a professional framing system, an animation wheel, a CMY + linear CTO system, and a high precision mechanical iris. Its light source is a 300W white LED module designed specifically for this unit. The AXCOR PROFILE 400 comes

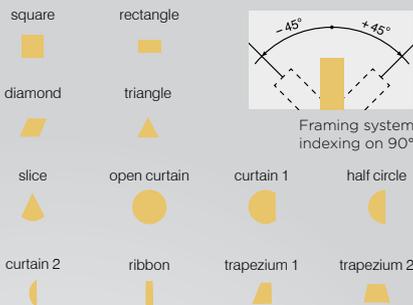
in a 16,000 lm, 6500 K, CRI=70 model, or alternatively a 12,000 lm, 5600 K CRI=90 model. It is extremely quiet, and has three operating modes, which can be chosen according to needs: Silent, Standard and Auto.

### MAIN FEATURES

- Source: 300W white LED module
- Versions available:
  - CRI: 70, CT 6500K, 16000 lm (Axcor Profile 400)
  - CRI: 90, CT 5600K, 12000 lm (Axcor Profile 400 HC)
- Ø 120mm front lens
- 6°- 42° linear zoom
- CMY + linear CTO
- One color wheel with 6 colors
- One rotating gobo wheel with 7 gobos
- Rotating 4-facet prism
- Animation wheel
- Motorized framing system with 4 focal planes
- Mechanical iris
- Linear frost filter
- 16-bit electronic dimmer with 4 curves
- Electronic strobe @25 f/sec
- Three different fan ventilation modes (STD - AUTO - SLN)

### WEIGHT AND DIMENSIONS

**■** 28.5 Kg (62.8 lbs)  
mm (LxWxH): 350x276x647  
inch (LxWxH): 13.8x10.8x25.5



There is now a unit with shutters for each power band, each application, and every pocket.

All units use the well known Claypaky framing device, which works on four focal planes and is covered by an international patent. It has been further enhanced with alterations that have improved its precision and versatility.



# AXCOR SPOT 400

## PERFORMANCE YOU HAVE NEVER SEEN BEFORE IN THIS POWER CATEGORY

The AXCOR SPOT 400 provides the medium-power applications with a compact, bright, LED moving spotlight, complete with every device you need for exceptional projected visual effects.

There is nothing like it in its category for variety of effects and possible combinations: 2 rotating dichroic glass gobo wheels, with a total of 14 rotating

gobos, an animation disc, a rotating prism, a power-driven iris, and a 16-bit dimmer. In addition to these, it features highly advanced color management tools based on a CMY system with linear CTO and a 6-color wheel.

Another outstanding device on the AXCOR SPOT 400 is the 5.5°-55° zoom (1:10 ratio!), with an extremely uniform

light distribution at every beam aperture, which means you can use the unit in a wide range of application areas.

The AXCOR SPOT 400 fits a 300W white LED source with a very high light output compared to its power. It can be ordered in the 6500 K version, which maximizes its light output, or in the 5600 K version which optimizes its CRI (at least 90).

### MAIN FEATURES

- Source: 300W white LED engine
- Versions available:
  - CRI: 70, CT 6500K, 16000 lm (Axcor Spot 400)
  - CRI: 90, CT 5600K, 12000 lm (Axcor Spot 400 HC)
- Ø 125mm (almost 5 inch) front lens
- 5°- 55.5° linear zoom
- CMY + linear CTO
- One color wheel with 6 colors
- 14 rotating gobos on two wheels
- Rotating 4-facet prism
- Animation wheel
- Mechanical iris
- Linear frost filter
- 16-bit electronic dimmer with 4 curves
- Electronic strobe @25 f/sec
- 3 different fan modes: STD, AUTO, SLN

### WEIGHT AND DIMENSIONS

■ 26 Kg (57.3 lbs)  
 mm (LxWxH): 350x276x647  
 inch (LxWxH): 13.8x10.8x25.5

## OTHER PRODUCTS IN THE AXCOR FAMILY

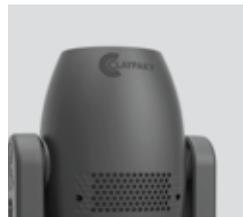
### AXCOR PROFILE 900

- 880W white LED engine
  - Lumen: 46,000 (25,000 lumen output)
  - Color temperature: 6,500 K
  - CRI: at least 70
- Optional 880W white LED engine:
  - Lumen: 34,000 (18,000 lumen output)
  - Color temperature: 5,600K
  - CRI: at least 90
- 6.8° - 40.3° linear zoom
- Focus tracking system
- Color system: 16-bit CMY + linear CTO + 6-color wheel
- Framing System, 4 focal planes and 90° rotation
- 6 HD interchangeable gobos
- Animation wheel
- 4-facet rotating prism
- Variable "soft edge" frost
- Variable flood frost
- Iris with multiple macros (random, pulsing...)
- Electronic linear dimmer, 16 bit + electronic strobe
- Three power operating modes: 900W, 600W, 400W
- Protocols/Functions: DMX, RDM, Web Server and ArtNet



### AXCOR BEAM 300

- Source: 110W White LED engine (7600 K)
- Ø 140mm front lens
- Beam aperture: 1.9°
- Motorized focus lens
- One color wheel with 14 colors
- One gobo wheel with 17 gobos
- Rotating 8-facet Prism
- 16-bit Electronic Dimmer with 4 curves
- Electronic strobe@24 f/sec
- Extremely compact and lightweight
- Two DMX modes: 14ch / 16ch (Sharp mode)



### AXCOR SPOT 300

- Source: 180W White LED engine (7000 K)
- 7.8°- 42.4° linear zoom
- Motorized focus lens
- CMY System
- One color wheel with 7 colors (including 1 CTO filter)
- One wheel with 7 rotating gobos
- One wheel with 10 fixed gobos
- Rotating 4-facet prism
- Mechanical Iris
- Frost filter
- 16-bit Electronic Dimmer with 4 curves
- Electronic strobe@24 f/sec
- Extremely compact and lightweight



### AXCOR WASH 300

- Source: 180W White LED engine (7000 K)
- Ø 140mm PC front lens
- 5.5°- 42° Linear Zoom
- CMY system on wheels
- One color wheel with 9 colors (including 1 CTO filter)
- Rotating Beam Ovalizer
- 16-bit Electronic Dimmer with 4 curves
- Electronic strobe@24 f/sec
- Extremely compact and lightweight



# TABLE OF THE AXCOR FAMILY

															
Model	Profile	Profile HC	Profile	Profile HC	Profile ST	Profile HC - ST	Wash	Wash HC	Profile	Profile HC	Spot	Spot HC	Wash	Spot	Beam
Light Source	880W (white LED)		500W (white LED)		500W (white LED) Flat beam		500W (white LED)		300W (white LED)		300W (white LED)		180W (white LED)		110W (white LED)
Total Lumen	46,000 lm	34,000 lm	28,000 lm	21,000 lm	28,000 lm	21,000 lm	28,000 lm	21,000 lm	16,000 lm	12,000 lm	16,000 lm	12,000 lm	11,000 lm	11,000 lm	4,000 lm
Lumen output	25,000 lm	18,000 lm	19,000 lm	14,000 lm	19,000 lm	14,000 lm	20,000 lm	15,000 lm	12,000 lm	9,000 lm	12,000 lm	9,000 lm	8,000 lm	7,000 lm	2,000 lm
CRI	70	90	70	90	70	90	70	90	70	90	70	90	70		
Color Temp.	6500K	5600K	6500K	5600K	6500K	5600K	6500K	5600K	6500K	5600K	6500K	5600K	7000K	7000K	7600K
Weight Kg (lbs)	45 (99.2)		33 (72.7)		33 (72.7)		33.9 (74.7)		28.5 (62.8)		26 (57.3)		19.9 (43.9)	20.2 (44.5)	17.6 (38.8)
Dimensions mm (in)	442x424x874 (17.4x16.7x34.4)		410x380x800 (16.1x15.0x31.5)		410x380x800 (16.1x15.0x31.5)		409x330x817 (16.1x 13.0x 32.2)		350x276x647 (13.8x10.8x25.5)		350x276x647 (13.8x10.8x25.5)		350x276x639 (13.8x10.9x25.2)	350x276x553 (13.8x10.9x21.8)	345x268x492 (13.6x10.6x19.4)
Boost mode	-		•		-		-		-		-		-		
Silent mode	• (with few operational modes)		• (with few operational modes)		• (with few operational modes)		• (with few operational modes)		• (with few operational modes)		• (with few operational modes)		• (with few operational modes)		
Zoom	6.8° - 40.3°		5.3° - 47.2°		5.3° - 47.2°		5° - 55°		6° - 42°		5° - 55.5°		5.5° - 42°	7.8° - 42.4°	1.9°
Framing System	4 focal planes		4 focal planes		4 focal planes		3 focal planes		4 focal planes		-		-		
Iris	•		•		•		-		•		•		-	•	-
CMY	•		•		•		•		•		•		•	•	-
CTO	Linear		Linear		Linear		Linear		Linear		Linear		On color wheel		
Fixed colors	1 wheel with 6 colors		1 wheel with 5 colors		1 wheel with 5 colors		2 wheels with 5 colors each		1 wheel with 6 colors		1 wheel with 6 colors		1 wheel with 9 colors	1 wheel with 7 colors	1 wheel with 14 colors
Rotating gobos	1 wheel with 6 gobos		1 wheel with 7 gobos		1 wheel with 7 gobos		-		1 wheel with 7 gobos		2 wheels with 14 gobos		-	1 wheel with 7 gobos	-
Static gobos	-		• (optional instead of the animation wheel)		• (optional instead of the animation wheel)		-		-		-		-	1 wheel with 10 gobos	1 wheel with 17 gobos
Animation wheel	•		•		•		-		•		•		-		
Rotating prism	One 4-facet prism		One 4-facet prism		One 4-facet prism		-		One 4-facet prism		One 4-facet prism		1 beam ovalizer	One 4-facet prism	One 8-facet prism
Frost	1 linear soft frost + 1 linear heavy frost		1 linear soft frost		1 linear soft frost		-		1 linear soft frost		1 linear soft frost		-	1 linear soft frost	-



# CLOUDIO

## DIGITAL CONNECTIVITY AND REMOTE MAINTENANCE

Digitalization has become an essential technological mainstay, and many aspects of our work and lives rely on it. Even the simplest tasks are filtered through computers, which process parameters and provide quick, simple, suitable responses.

Thanks to digital technology, the world of communications has expanded

its scope enormously. Objects are identified remotely through cloud systems, and made intelligent by providing information about themselves and accessing data on the Internet.

In the entertainment business, digitalization means also receiving, transmitting, collecting and analysing

data consisting of digital parameters for updating, diagnostic and maintenance purposes.

Claypaky and OSRAM, which has made digitalization one of the cornerstones of its corporate strategy, have developed an innovative, state-of-the-art tool capable of performing these processes accurately, precisely and rapidly.

Today maintenance workflows for moving heads are primarily manual and thus inefficient.



- 1 • Incoming equipment at warehouse
- 2 • Hundred of fixtures of different models
- 3 • Manual inspection and test sequence
- 4 • Run firmware updates and collect usage data
- 5 • Send fixture to warehouse or workshop



Manual inspection of errors



Firmware status and updates



Limited access to fixture usage data

## HOW THE CLOUDIO WORKS

The CloudIO is an IoT device which provides technicians with complete diagnostics for Claypaky fixtures. When the lights run checks after use, the unit collects data on hours of lamp life of each fixture, the conditions of various components in the units and update firmware, simply by connecting to the cloud.

The CloudIO is a compact device (240 x 230 x 93mm / 9.45 x 9.06 x 3.66 inches), equipped with a 7-inch capacitive touch screen. It has two in/out pass-through DMX connections, so it is possible to interface and communicate directly with up to 31 lights in series. This is particularly useful for rental companies, who can connect their lights to the CloudIO when they return from a tour.

To display all the operations, you need to visit [www.cloudiobox.tech](http://www.cloudiobox.tech) using a PC or tablet. Having a web address which is accessible from any browser means there is a single reference environment, and the age-old problem of different operating systems is avoided. The website provides real-time access to all the cloud storage data hosted on proprietary platform, including analytics, dashboards and firmware.

The CloudIO is a retrofit system which allows it to be fitted to the following Claypaky lights:

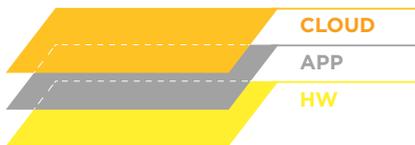
Axcor series (all), Scenius series (all), Mythos / Supersharpy series (all), Sharpy series (all), Alpha series, B-Eye series (all), K-Eye series (all), A.leda Wash series (all), Sharbar, Showbatten, Spheriscan, Stormy, Glowup.

## REAL EXCLUSIVE BENEFITS NOW AVAILABLE TO EVERY RENTAL COMPANY

The CloudIO has the following useful features for rental companies:

- **Automatic Overview and FW Update:** Automatic overview of all info. One-click firmware update.
- **Live Remote Assistance:** the customer care operator can see all the information and setup data of the fixture that needs service support remotely in real time
- **Cloud Data and Predictive Maintenance:** all data are stored in the cloud so they are always available. Predictive maintenance based on data analysis

**Retrofit Solution:** The CloudIO works with most Claypaky fixtures



### THREE LEVELS OF INTERACTION

- \* HW: The CloudIO Box is based on a Digital Flexible Hardware Platform, all input/output connections setup is done via software configuration.
- \* SW: Low Latency and Real Time Applications are managed with the computing power of Edge IoT Hardware of the CloudIO solution.
- \* Cloud: Data Collection, dashboard, analytics and remote controls are managed within the Cloud Platform.

## AN INTERACTIVE, MULTITASKING, USER-FRIENDLY GRAPHICAL USER INTERFACE

Here are some screenshots of what the operator sees. The user-friendly graphical user interface provides immediate visual information on the required or

suggested tasks. All parameters from the connected units can be checked collectively, individually or in groups, as required, including lamp life, firmware

update, error diagnostics, DMX settings, batch overview and maintenance procedures.



### MAIN FEATURES

- Display Lcd 7 inch + capacitive touch screen
- Internal power supply
- Digital switch / activation
- 2 Dmx in/out pass-through capability
- #4 Encoder
- #3 Usb
- 2 External antenna
- 2 Ethernet (artnet/tcpip)

### WEIGHT AND DIMENSIONS

1.5 Kg (3.3 lbs)  
240mm x 232mm x 93mm  
(9.4" x 9.1" x 3.7")

Installation with 100 Xtylos @ Jova Beach Party 2019 - Linate, Milan, September 2019. Concept by Grò Forma Studio

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RISK GROUP 3 - WARNING: POSSIBLY HAZARDOUS OPTICAL RADIATION EMITTED FROM THIS PRODUCT. DO NOT LOOK AT OPERATING LAMP SOURCE. EYE INJURY MAY RESULT. EN/IEC 62471 - HAZARD DISTANCE: REFER TO THE MANUAL. CLASS 1 LASER PRODUCT, ACCORDING TO IEC 60825-1:2014-05 CLAUSE 4.4.

XV2090A-ENG-Rev.8-112019