



# NEW PRODUCTS 2014

## PREVIEW

*A.leda B-EYE Series*  
*SuperSharpy*  
*Stormy*

ENGLISH

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

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# A.LEDA B-EYE Series

Versatile and spectacular

The new Clay Paky A.leda B-EYE caused a sensation in the industry when it was officially launched at Plasa 2013. After only a few hours, the social networks were flooded with videos and enthusiastic comments about the new arrival. Just few months later, the B-EYE had already won the three most prestigious innovation awards of the industry, at Plasa, at LDI and at ProLight+Sound.

prolight+sound  
international  
press award

pipa 2014

LDI  
2013  
BEST DEBUTING  
LIGHTING PRODUCT

WINNER OF THE 2013  
plasalondon  
AWARDS FOR INNOVATION



*I'm absolutely blown away with B-EYE. It's a good one!*  
Marck Brickman, Lighting Designer



*It's the B-EYE. It's the B-est... I love it!  
Just saw it for the first time and it really rocks.  
Though I'm not a minimalist, I can go down to one LED  
and it would kick ass. Great light!*  
Peter Morse, Lighting Designer



*We have another new fixture from Clay Paky that has given us  
a whole new world of illusion to project.*  
Steve Gray, Lighting Designer

B-EYE is now a comprehensive product line including: **B-EYE K20**, **B-EYE K10**, **B-EYE K10 Easy** and **B-EYE K10 CC**.

**B•EYE™**

[www.b-eye.it](http://www.b-eye.it)



A.leda B•EYE K20



A.leda B•EYE K10



A.leda B•EYE K10 EASY



A.leda B•EYE K10 CC

# A.LEDA B-EYE Series

Versatile and spectacular



## A.LEDA B-EYE K20

The A.leda B-EYE K20 is a high performance **wash light**, a breathtaking **beam light**, and a creator of completely new spectacular **visual effects**. Its unparalleled versatility makes it an extremely interesting creative tool for all lighting designers.

The B-EYE is first and foremost an excellent quality wash light. It is able to wash surfaces with colors at any distance, making the most of its light source. The B-EYE is at least **20% brighter** than any LED-wash with the same rated power, thanks to its special optical unit with a truly amazing lumen/watt ratio, designed and built by Clay Paky. The zoom ranges **from 4° to 60°** and it is therefore suitable both for environments with low ceilings (small theatres and TV studios, for example), where large angles are extremely useful, and for shows in arenas or large environments, where a tight zoom is perfect.

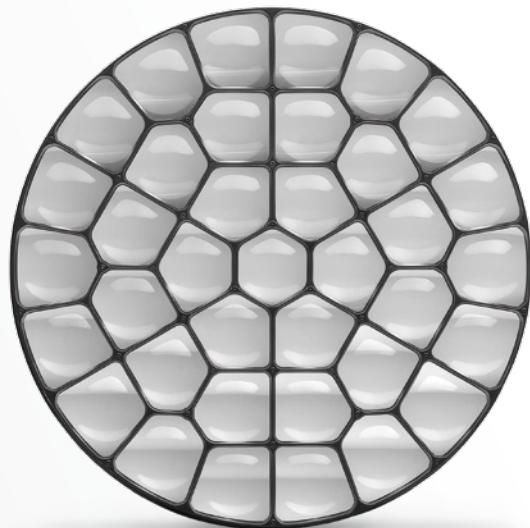
Thanks to its special optical group, B-EYE projects its light in a **perfectly uniform** way over the entire illuminated surface and the light is distributed evenly over its front lens; the individual light sources can no longer be distinguished along with their distinct colors.

In addition B-EYE is equipped with an **unparalleled electronic color control engine**. The fixture is based on **RGBW LEDs** and, thanks to the addition of the white chip, it covers a very wide spectrum of color frequencies and the saturated colors generated by the R-G-B chip may be softened. The B-EYE is also pleasantly surprising when used as a “white” light, as color temperature may be adjusted with accuracy from 8,000 K to 2,500 K. In addition, a special software algorithm allows the LEDs to simulate the behaviour of a tungsten lamp.

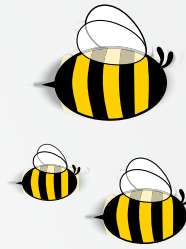
When the B-EYE beam is zoomed down to 4°, the “wash” light turns into a “beam” fixture. The B-EYE therefore becomes a surprising **mid-air parallel effect light**, capable of generating a pulsating beam of micro-rays, which may be controlled individually, each with its own colors and shades. All the parameters of each LED can be completely controlled.

Lastly, the B-EYE introduces a completely new feature: **the front lens may be rotated** to create lots of small bright compositions, which may be opened and closed like petals. By adding colors and dynamic graphics, the B-EYE generates never-seen-before graphic light effects .

The first is the “**vortex**”, an effect that fills the atmosphere with countless dynamic rays and creates an amazing experience. The second consists of “**kaleidoscopic**” projections, which materialize on the surrounding surfaces. Both of these effects may take on virtually endless forms and may be programmed and replicated with digital precision, since they are generated using state-of-the-art electronic technology.



*The lenses of B-EYE (patent pending) are designed and specially made by Clay Paky: seven different kinds of pentagonal/hexagonal lens, to be arranged in order to minimize the gap between one lens and the others (resulting in additional light output).*



**B-EYE™**  
www.b-eye.it



### A.LEDA B-EYE K10

The B-EYE K10 version with rotating front lens made its world debut at ProLight+Sound 2014. By popular demand, Clay Paky has decided to add this important feature, which was previously only available on the K20 version.

The **K10 and K20 luminaires** therefore provide identical features: **same optics, same color engine, same visual and "beam" effects**. Only the light output changes, since the B-EYE K10 is fitted with 19 LEDs, while the B-EYE K20 has 37. Both versions excel for their light output, higher than other LED fixtures of same power category.

Thanks to its light weight (**only 15 kg**), its small size and silent operation the B-EYE K10 is a very interesting luminaire for a variety of professional applications. It is particularly suitable for studio and theatre productions, where its unmatched versatility may be exploited.



### A.LEDA B-EYE K10 Easy

The B-EYE K10 version without front-lens rotation, which Clay Paky launched at Plasa 2013, has not been discontinued but it has been renamed the B-EYE "easy", owing to its simplified features. This luminaire is highly suitable for all uses where special visual effects are not needed. As a washlight this version is identical to the full-feature B-EYE; it offers also **individual LED control**, since this is essential for creating unique aerial effects in the beam mode. Versatility, light-weight, compact size, high output and outstanding **performance/cost ratio** make B-EYE "easy" a very valuable alternative.



### A.LEDA B-EYE K10 CC

For those many professional users who wish to use the superior optical characteristics of B-EYE technology exclusively in the wash mode and do not need the mid-air and graphic effects, Clay Paky has created a simpler version, called the A.leda B-EYE K10 CC (Color Changer). Unlike the full version, this fixture does not provide control of each pixel and does not have a rotating front lens.

The A.leda B-EYE K10 CC is therefore an extraordinarily **bright LED-wash**, with a perfectly uniform light field, a really wide zoom (from 4 to 60 degrees), and **complete color and white light management**. B-EYE K10 CC is an indispensable tool in every show, where it makes the utmost in modern color wash technology. It is perfect for TV studios, theatres, tours, corporate events, showrooms and theme parks.



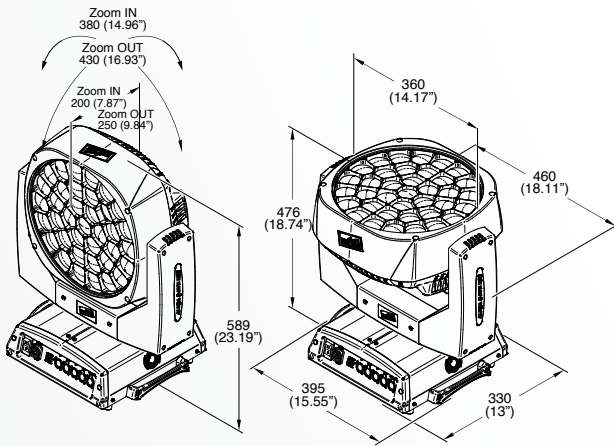
*Special rods (miniature pipes with reflective inner walls) convey the light output of each LED from the source to the lens; internal light dissipation is eliminated, colors are mixed and homogenized and the light output is enhanced.*

April 2014  
Subject to change without notification

## WEIGHT AND DIMENSIONS (mm/inches)

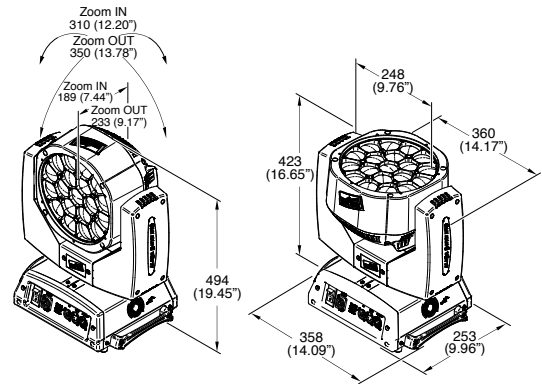
### B-EYE K20

21 kg (46.3 lbs)



### B-EYE K10

15 kg (33.1 lbs)



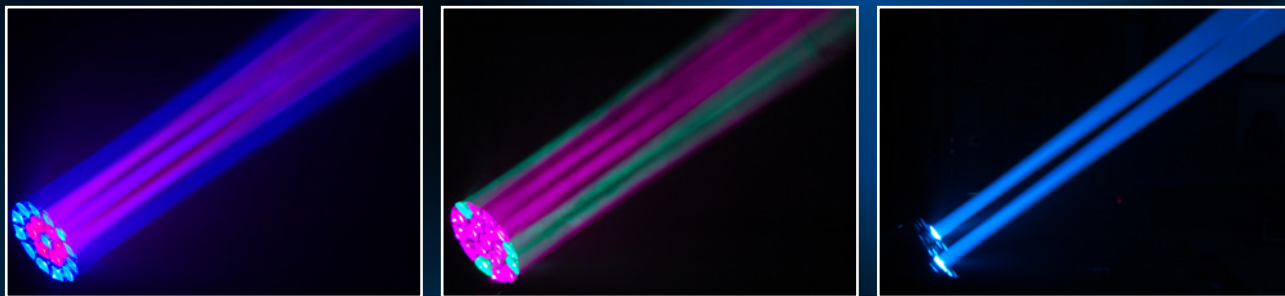
	K20					K10							K5
	B-EYE	WASH	WASH "CC" (Color Changer)	WASH "TW" (Tunable White)	WASH "W" (White)	B-EYE	B-EYE "Easy"	B-EYE "CC" (Color Changer)	WASH	WASH "CC" (Color Changer)	WASH "TW" (Tunable White)	WASH "W" (White)	WASH
Code	C61420	C61410	C61413	C61411	C61412	C61419	C61415	C61418	C61405	C61408	C61406	C61407	C61401
Source Type	RGBW	RGBW	RGBW	White 2700 and 8000 K	White 7000 K	RGBW	RGBW	RGBW	RGBW	RGBW	White 2700 and 8000 K	White 7000 K	RGBW
LED Nominal Wattage	15W	15W	15W	15W	15W	15W	15W	15W	15W	15W	15W	15W	15W
Number of LEDs	37	37	37	37	37	19	19	19	19	19	19	19	7
Enhanced Light Output	•					•	•	•					
Individual LED Control	•	•				•	•		•				•
Washlight Mode	•	•	•	•	•	•	•	•	•	•	•	•	•
Beamlight Mode	•					•	•						
Kaleido / Vortex Effect	•					•							
Zoom Range (@ 10% peak)	7°- 60°	16°- 68°	16°- 68°	16°- 68°	16°- 68°	7°- 60°	7°- 60°	7°- 60°	16°- 68°	16°- 68°	16°- 68°	16°- 68°	13° (fixed)
Zoom Range (@ 50% peak)	4°- 40°	9°- 43°	9°- 43°	9°- 43°	9°- 43°	4°- 40°	4°- 40°	4°- 40°	9°- 43°	9°- 43°	9°- 43°	9°- 43°	7° (fixed)
Unnoticeable Sources and Front Frame	•					•	•	•					
Front Lens bi-directional Rotation	•					•							
Digital Beam Shaper (in Wash Mode)	•					•							
Beam Edge Softening Control (in Wash Mode)	•					•							
Pixel Patterning Macros with Enhanced Control	•	•				•	•	•	•				•
White CT Emulation 2500 - 8000 K	•	•	•			•	•	•	•	•			•
White CT Emulation 2900 - 7500 K				•							•		
RGB auto-tuning to Lamp CT Emulation	•	•	•			•	•	•	•	•			•
Tungsten Lamp Emulation	•	•	•	•		•	•	•	•	•	•		•
High CRI (>94)				•							•		

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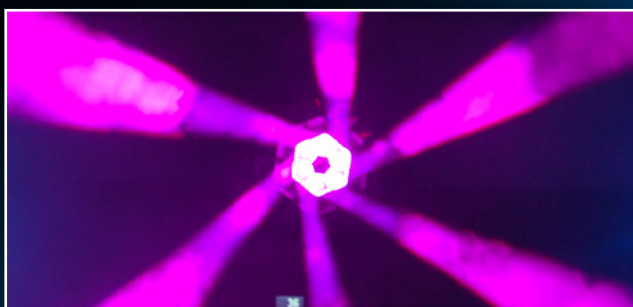
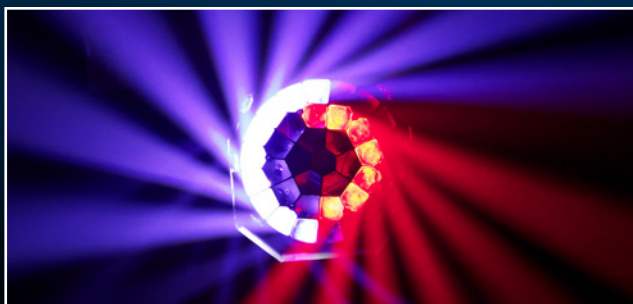


# A.LEDA B-EYE in ACTION

*"Our treasure lies in the  
beehive of our knowledge"  
(Friederich Nietzsche)*

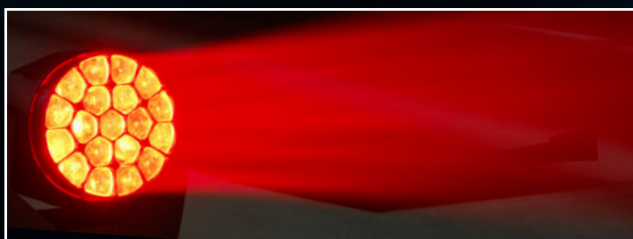


Impressive parallel beams, with countless digitally controlled 3D shape / color patterns



Vortex Effect

Limitless kaleidoscopic projections, programmable and repeatable with digital accuracy



Unrivalled 4° to 60° zoom range and totally even color distribution on the front lens

# SUPERSHARPY

The legend continues



After the Sharpy's extraordinary worldwide success, Clay Paky is now launching the **SuperSharpy**, an ACL beam type moving head featuring a **470 watt**, 7,000 K lamp. If you have been amazed at how bright the Sharpy is, the SuperSharpy will leave you literally stunned. Its light beam is nothing short of **four times brighter**, with a far bigger difference than you would expect by simply comparing the rated wattage of the two lamps (470 vs 190). Thanks to this incredible output, the SuperSharpy's light reaches never-seen-before mid-air distances, making the SuperSharpy the first low-wattage beam light that can really challenge a searchlight.

However Clay Paky has not settled for merely producing a "more powerful beam light". The SuperSharpy also provides the utmost in terms of light quality and number of effects.

Let's start from the light quality. The SuperSharpy produces a **thick column of structured, dense light**, not just concentrated, but also with a clear and uniform color. This is the result of a new optical unit with a **large 170 mm diameter lens** at its end, from which a beam similar to a powerful searchlight emerges. The beam diameter can be modified with a beam size reduction system, offering different diameters right down to a "surgical" micro-beam similar to a laser. The brightness remains the same at any beam angle and the minimum aperture is literally **zero degrees**, i.e. the SuperSharpy's beam remains **perfectly parallel** for its entire length.



A **frost unit** allows to soften the beam edge, to such an extent that SuperSharpy nearly turns into a wash light. Let's now look at the effects, starting with the colors. The SuperSharpy features a **CMY mixing system** based on three wheels with eight colors each. The dichroic filters have been selected and combined to produce a nearly infinite variety of hues and shades. **CTO filters** are available on each wheel to create even the "warmest" shades. A **special fourth wheel** with saturated colors can rotate continuously at variable speeds, thus producing a very striking mid-air "**rainbow**" effect.

The SuperSharpy features **two gobo wheels**. The first has 7 high quality rotating dichroic gobos; the second provides 20 fixed metal gobos, including a wide selection of **beam diameter reducers**. The gobos can be used to shape the beam in mid-air but, in addition and thanks to the extraordinary SuperSharpy op-

tics, perfectly focused images can be projected onto the projection surface, even tens of metres away!

The SuperSharpy is the first fixture of the "**PRIMA**" series, a new generation of Clay Paky luminaires which not only have a new look, but have also been built to ease operation, handling and maintenance. As all Clay Paky beam-lights, SuperSharpy features extremely fast and accurate pan-tilt movements and effect changes, and it has **advanced pre-programmed functions** just waiting to be discovered!

## PRIMA

Let yourself get hooked on the SuperSharpy, its surprising speed and the fluidity of its movements. The legend continues...



## SPECIFICATIONS

(data are subject to modifications)

### LAMP

- Output lamp power: 470 W
- Color temperature: 7,000 K

### OPTICS

- Optical unit with a large 170 mm diameter objective lens.
- Four times brighter than the Sharpy (at the center of the beam).
- Opening: from 0 to 4 degrees.
- High precision focusing.
- High quality frost.

### EFFECTS

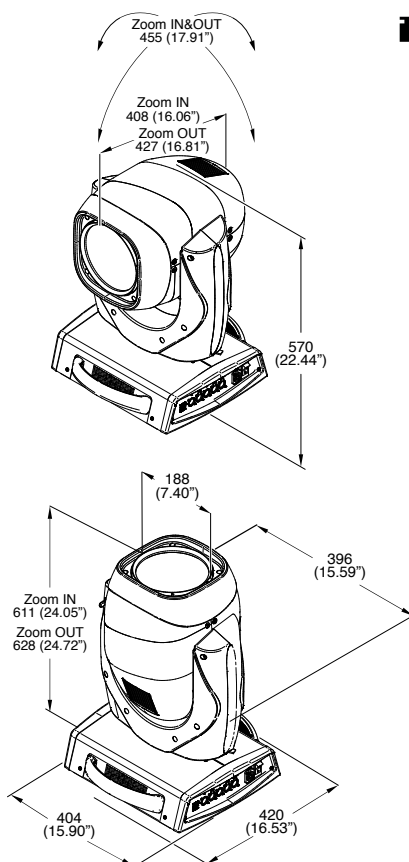
- 20 gobos on fixed metal wheel.
- 7 dichroic glass gobos on rotating wheel.
- 1 Prism
- Stop/strobe – Dimmer

### COLOR SYSTEM

- 7 colors (+ white) on a "Rainbow" wheel.
- CMY system: 3 wheels (C+M+Y), each one with six fading and stepping filters.
- 2 CTO filters on M and Y wheel; CTB and Wood filter on the C wheel.

## WEIGHT AND DIMENSIONS (mm/inches)

■ 27 kg (59.52 lbs)



# STORMY

The latest LED technology meets the charm of a classic strobe



STORMY innovates tradition since it uses the latest LED technology, but retains all the charm of a classic strobe.

The light source is a strip of powerful white LEDs with a 5,700 K color temperature; thanks to their linear arrangement, they **perfectly emulate a bright Xenon linear lamp**.

The flash effect is actually enhanced since the Stormy is equipped with a parabolic reflector, like a classic strobe, and does not project the light directly forwards like other LED strobes do. The reflector collects the main beam **over an aperture of 42°, leaving 130° for spatial diffusion**. Its total brightness is a remarkable **80,000 lumens**.

Using LED technology has another important benefit: the flash effect management is enormously flexible. The frequency, duration and intensity of the pulse are **fully digitally controlled**, and these parameters are even independently adjustable, which is impossible with a xenon lamp strobe.

When it “pulsates”, the Stormy delivers 980 watts. Thanks to its highly sophisticated electronics, the light turns on and off instantly, creating the **jerky movement illusion**, which is the essential hallmark of a true strobe.

The time the light is on (the pulse duration) may be extended as required. In this case, the Stormy delivers 720 watts with

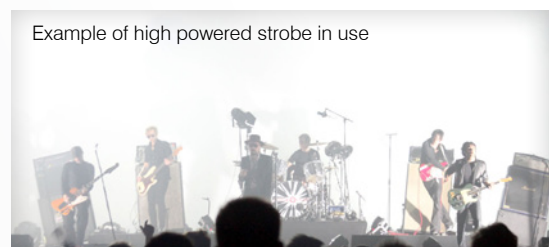
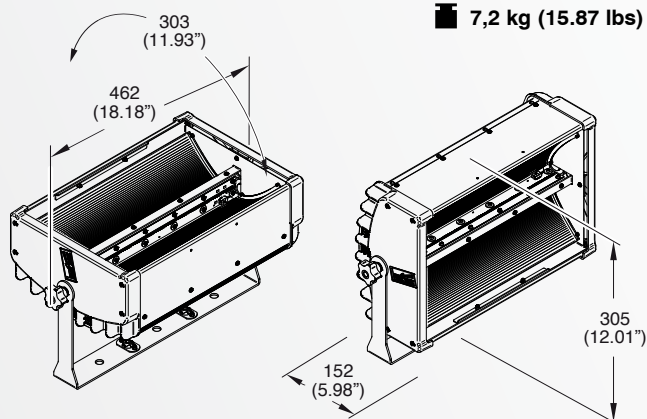
automatic adjustment. Thanks to the use of LEDs, the light intensity remains absolutely constant, **without flickering effect** found with conventional strobes.

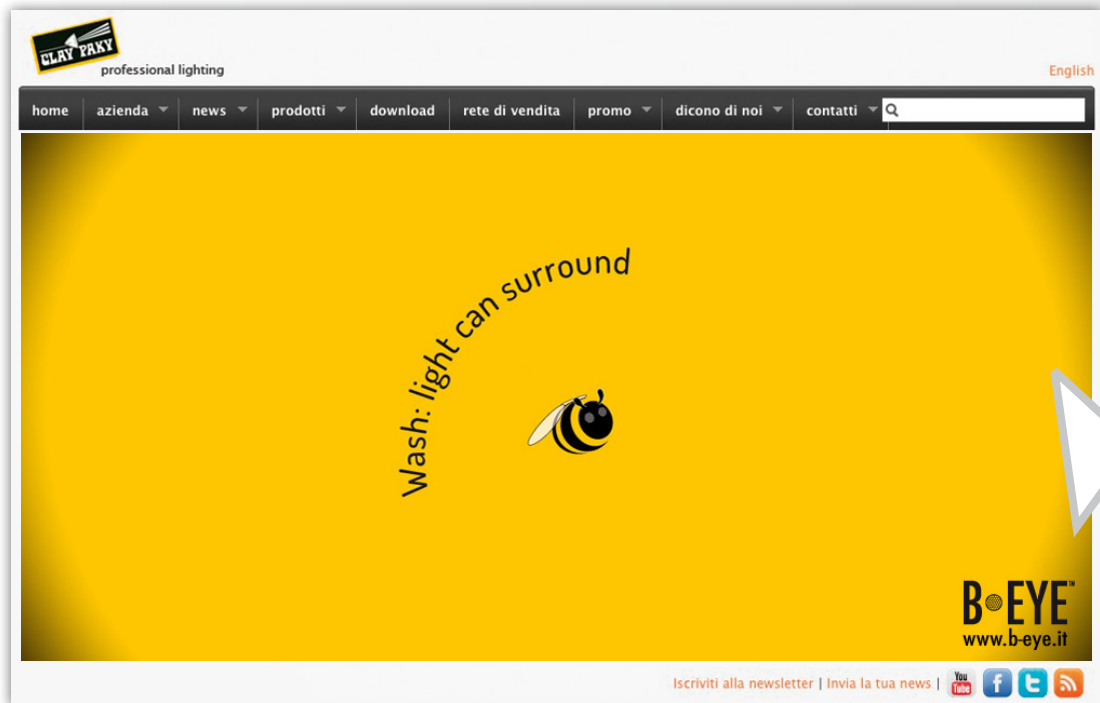
Besides the **white LED version**, the Stormy also comes with **RGBW LEDs**, which are able to flash in any color. At last, there is no more need for gels, which dramatically reduce the amount of light, or slow noisy unreliable scrollers.

The way the strobe pulse is controlled is the same as was described for the white LED version. The **RGBW Stormy** has a total brightness of 40,000 lumens. With the Stormy, the age of dinosaurs is over.

The striking effect of a true classic strobe in a modern technology package is finally available. The fragile lamps that last only 500 hours have been replaced by sturdy LEDs, which last **over 50,000 hours**. The light pulse may be adjusted freely with absolute precision. You can get flashes of colored light. A modern digital display means the parameters and DMX address may be set up in an immediate, user-friendly way.

## WEIGHT AND DIMENSIONS (mm/inches)





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

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