



NEW PRODUCTS 2019

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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 one by one:



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.



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.



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.





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 LED (HY B-EYE K25) and 19 LED (HY B-EYE K15) versions.



MORE RELIABLE AND SILENT

The rotational 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 without fear of disturbing the show 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).



HY B-EYE K25

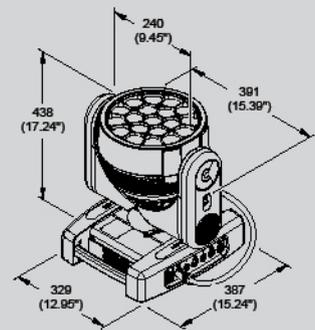
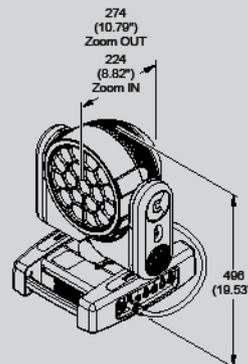
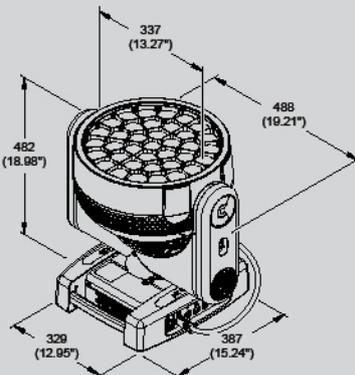
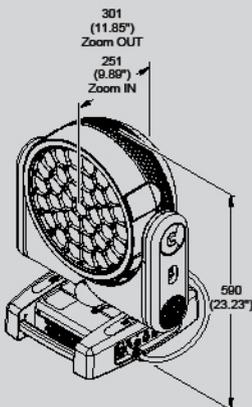
■ 27.5 kg (60.6 lbs)



HY B-EYE K15

■ 21 kg (46.3 lbs)

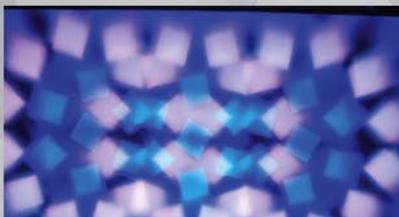
DIMENSIONS (mm/inches)





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 rotational 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



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