

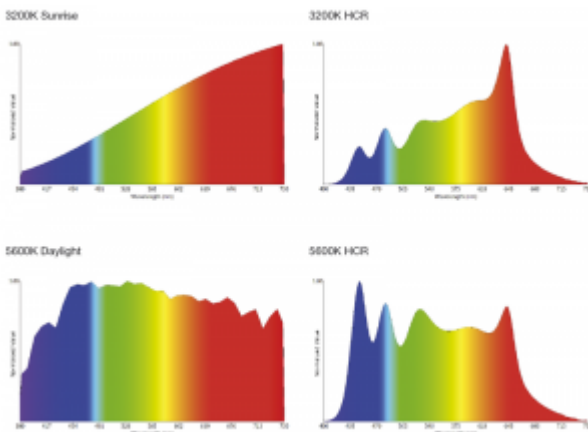
Claypaky's K-EYE HCR marks a new era for LED stage lighting



Italy – Claypaky's new **K-EYE HCR** range of lighting fixtures takes LED light quality to its highest peak of performance yet, giving lighting designers and directors access to CRI (Color Rendering Index) values never before achieved by an LED fixture.

With Claypaky's **High Color Rendering (HCR)** algorithm, colors and textures of costumes and props retain richness and scenic finishes show off a depth and lustre never seen before under LED light. Skin tones appear more natural and in a world where entertainment is increasingly seen up-close and personal through the eye of a lens, the K-EYE HCR technology ensures performances are lit with integrity.

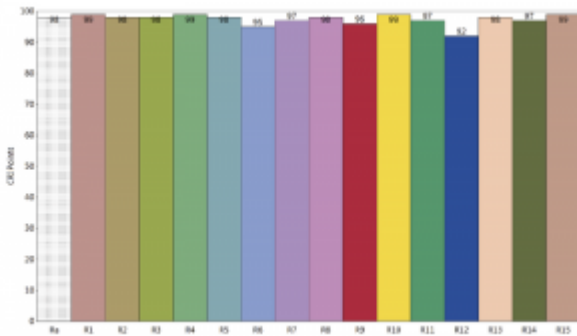
The HCR algorithm, newly developed by **OSRAM** and Claypaky, ensures the K-EYE HCR family of wash lights deliver an unprecedented degree of control over the quality of white or colored light. The white light that the fixture produces has been heralded by some lighting designers as the 'closest to tungsten outside of the conventional lighting fixtures'.



Claypaky CEO Pio Nahum comments, "We know that our most demanding customers, particularly in the sectors of television, film and theatre, have long felt the need for a lighting tool that differed from others in the marketplace for the 'quality' of the light it produced. Achieving this desired 'quality' is no simple matter. Light quality is the sum of multiple factors, including diffusion uniformity, color temperature, color control features and, most of all, a high color rendering index. To meet these requirements, Claypaky and Osram have developed HCR technology."

The heart of the K-EYE HCR wash light is its **six-color LED light source**. In addition to the basic red, green, and blue color emitters, Claypaky has added amber, cyan, and lime LEDs to create a source which provides the widest color range with unrivalled color spectrum coverage. With HCR technology, this light engine produces typical **CRI values greater than 97, up to 99** – values previously only available from conventional light

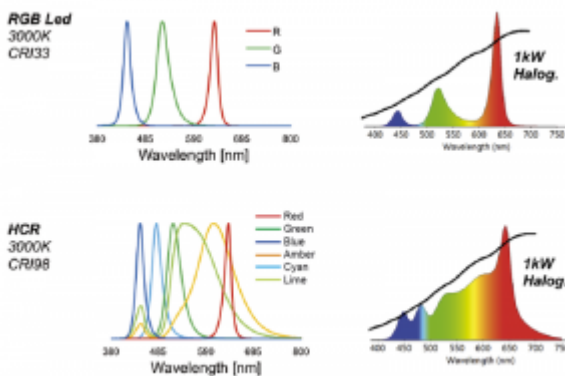
sources. Thanks to this landmark development, that guarantees broader coverage of the color gamut, lighting designers now have access to every nuance and every shade of every color.



Already an award-winning line, the K-EYE HCR range collected the prestigious **PLASA Award for Innovation** at the PLASA Show in London in September 2017, rewarded for its introduction of innovative new technology and its clear improvement of technical practice. Speaking of the K-EYE HCR, the PLASA Innovation Awards judges said it was, “An LED wash light that delivers a new approach to accurate color rendering, starting at chip level, rather than manipulating existing sources.”

The K-EYE HCR range includes two moving head models: the **K-EYE K20 HCR**, with 37 LED emitters, and the **K-EYE K10 HCR**, with 19 emitters. In addition to the moving head fixtures in the range, Claypaky has recently added static versions: the **K-EYE S10 HCR** and the **K-EYE S20 HCR**.

To give designers access to highly accurate saturations and hues, the K-EYE HCR range offers four modes of operation. **RAW mode** offers specific control of each color, while **HSL mode** provides complete control of hue saturation luminosity, fully exploiting the potential of the six-color system. In addition, the RGB and CMY modes work in the classic Claypaky style.



The K-EYE HCR also boasts silent operation and completely flicker-free output, making it suitable for use in television, concert halls and opera or any professional fields of application where silence, brightness, and exceptional light quality are required.