

Presse Press

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Osram at Prolight + Sound 2018

The lighting specialist will be presenting its innovative event and entertainment lighting together with its renowned brands Claypaky, ADB and LED Engin

Lights, colors and effects are essential for concerts, TV shows, theater performances and all kinds of events. For years now, Osram has stood for innovative products of the highest quality in this field. Together with its brands Claypaky, ADB and LED Engin, Osram provides lighting solutions for all requirements and will be presenting its innovations for the event and entertainment industry at the 2018 Prolight + Sound in Frankfurt am Main. The focus will be on HMI STUDIO and HMI DIGITAL lamps, and on the innovations from the SIRIUS HRI series, the SharXS family and the Lok-it! series, as well as multi-chip LED modules for spotlights. Among other products Osram's subsidiary Claypaky will be presenting its affordable, high-performing and compact Axcor 300 series.

From April 10 to 13, 2018, visitors can let themselves be inspired by Osram's diverse range of products and innovative lighting solutions at Prolight + Sound in Frankfurt, in hall 3.0, booth E50. "We have been using our precision lighting to set standards in the entertainment industry for years," says Hans-Joachim Schwabe, CEO of Specialty Lighting at Osram. "Our new lighting solutions complement our diversified portfolio and will help event organizers worldwide to stage some unforgettable moments." At the neighboring booth, D45, the Osram subsidiary Claypaky is presenting its wide range of mobile lights with moving heads, color changers as well as a wide range of effect lights. Osram's French brand ADB will be showing its vast range of luminaires and control systems for theaters and TV studios.

The OSRAM logo is displayed in a bold, orange, sans-serif font.

Osram expands HMI portfolio

In order to keep pace with increasing demands in the film, television and theater industry, Osram will be presenting an expanded, improved range of metal-halide lamps. The innovative HMI STUDIO line has been perfectly tailored to meet the requirements of modern entertainment productions and eliminates the need for additional halogen spotlights and CTO filters thanks to its warm color temperature. The patented UV-Stop outer bulb (UVS) made from doped quartz reduces UV-B and UV-C radiation by up to 99.9 percent, without compromising on performance. Its renowned HMI UVS lamps and other single-ended HMI products are now being consolidated under the name HMI DIGITAL. In combination with the corresponding ballasts, the HMI DIGITAL series provides flicker-free light with up to 100 lm/W and a color temperature of 6,000 Kelvin (K). This means that these dimmable, particularly long-lasting lamps, all of which will soon be equipped with UV-Stop, are suitable for use in both digital and analogue film productions. The two product lines HMI STUDIO and DIGITAL are gradually available in retail since February 2018.

Even more powerful: the SIRIUS HRI 550W

At booth E50 in hall 3.0, Osram will also be presenting reflector lamps with particularly high luminance for moving heads with its SIRIUS HRI series. The focus will be on the new SIRIUS HRI 550W. This compact, high-wattage light source is the first lamp in this performance class for use in small, freely mobile multi-function spotlights and is being sold as a two-part system consisting of an electrical ballast and a lamp. Thanks to its luminosity of 28,000 lumens (lm) and lifespan of 1,500 hours, the SIRIUS HRI 550W is not just suitable for use in stage lighting, but also at outdoor events and to light up architecture. From August 2018 on, the 500-watt variant of the SIRIUS HRI series will be available in retail with two different working distances: the Beam variant and the Multi-Purpose variant.

SharXS HTI series with new products

Thanks to their diverse range of applications, it is no longer possible to imagine entertainment lighting without double-ended metal-halide lamps. With its modular SharXS HTI series, Osram offers a particularly energy-efficient and therefore affordable variant for use in moving heads, scanners, projectors and color changers. Thanks to a special

coating, the lamps can endure temperatures of up to 450 °C, which means they do not require any additional high-maintenance cooling. At Prolight + Sound, Osram is presenting three new SharXS Brilliant lamps, which are equipped with a high color rendering index of 90 and eXtreme Seal (XS) technology for optimal heat resistance. The 136 mm-long Brilliant lamps with an output of 1,500 W is available in retail since March 2018, while the 1,000 and 1,200 W versions will be available from June 2018.

Lok-it! Power Series: even brighter light

There will be a new addition to the series at this year's Prolight + Sound: the Lok-it! 2000/PS Blue. It is deployed in floodlights and intensifies their brightness with its high color temperature of 7,500 K. It has a CRI of 80. Alongside the new variant, renowned versions for a wide range of applications will be on display that have become even more powerful since they underwent their technical facelift, like the Lok-it! 1000/PS, the Lok-it! 1700/PS, the Lok-it! 1000/PS Brilliant and the Lok-it! 1400/PS Brilliant with a color rendering index (CRI) of 95. Also part of the series are the Lok-it! 1000/PS Blue with a color temperature of 7,500 K and the Lok-it! 1000/PS Beam with a shorter arc gap. A special lamp filling in all models reduces the green tone that is otherwise common in metal-halide lamps. With a CRI of over 90, these lamps provide for optimal light quality and render color in a way that looks natural. The ceramic base also makes them resistant to high-ignition voltages of up to 35 kilovolts (kV). Due to their compact dimensions and short arc gap, the Lok-it! Power Series can be used to realize smaller and therefore brighter solutions.

Single-source multi-channel SplitStar S32 LED module for spotlights

The entire SplitStar S32 LED module family impresses with its very low total thermal resistance of 0.05 Kelvin/Watt (K/W), achieves very high luminance up to 140cd/mm² due to the close arrangement of the respective LED chips and delivers 20,000 lm (cold white version). Moreover, all variants generate a large amount of light from a small LED emission surface. The back of the module is electrically insulated, which makes it possible to connect it to the light's cooling attachment directly. Alongside the S32 RGBW multi-channel LED module, which offers a multitude of applications and lighting variants in the fields of

entertainment and architecture with its different potential color and combination possibilities, a S32 full white will also be on display at the fair. It wins users over with its freely selectable color temperature of 2,700 to 7,000 K and a continuously high color rendering index. It also uses a high-current LED chip combination that consists of the lighting colors red, green, blue and amber.

LuxiGen Entertainment LED Emitters from LED Engin

LED Engin, an Osram business specializing in ultra-bright, ultra-compact LED lighting solutions, will be presenting its LuxiGen Entertainment LED emitter portfolio at this year's Prolight + Sound. The emitters are based on LED Engin's proprietary multi-layer ceramic technology, which allows exceptional heat dissipation, closely packed die positioning for small light emitting surfaces (LES) as well as individual addressability of the dies in the package. The primary optics on the emitters are exclusively made of glass, delivering exceptional robustness in demanding operating conditions. The LuxiGen emitters can also be customized using different color options tailored to specific needs and applications. Among the products being presented are the LZ7 7-color emitter, the LZ4 Power RGBW, a 40W LED with a compact 2.15mm x 2.15mm LES, the LZC RGBW, with 12 individually addressable dies and the LZP RGBW, an 80W RGBW emitter for entertainment and architectural lighting. The demonstration model on the booth features ten LZ7 emitters, each with seven individually addressable colors and a compact LES of 3.3mm x 3.3mm to deliver high color quality stage lighting with maximum punch.

Product innovations from entertainment expert Claypaky

At the Claypaky booth at the Prolight + Sound there will be the world premiere of a totally new product, the ZAC-EYE. This innovative digital device converts a Claypaky luminaire into a fully automatic follow-spot system so more lighting designers than ever before can turn their wildest ideas into reality with Claypaky products. Claypaky will also be presenting its new Axcor 300 series which consists of three powerful, compact moving LED lights – the Axcor Spot 300, the Axcor Beam 300 and the Axcor Wash 300. With a physical size, power consumption and price that belie its strength and creative potential, the Axcor 300 range opens up a new world of expression in touring, events, TV, theater and installed lighting

markets. In addition to these compact LED luminaires, Claypaky will introduce Axcor PROFILE 900, the most powerful profile spot available on the market today. The LED-based offering includes the revolutionary K-EYE HCR family, delivering high color rendering of CRI > 95. Claypaky has not forgotten traditional discharge lamp technology and has launched the new HEPIKOS hybrid wash/beam, featuring an Osram 440 W Sirius lamp.

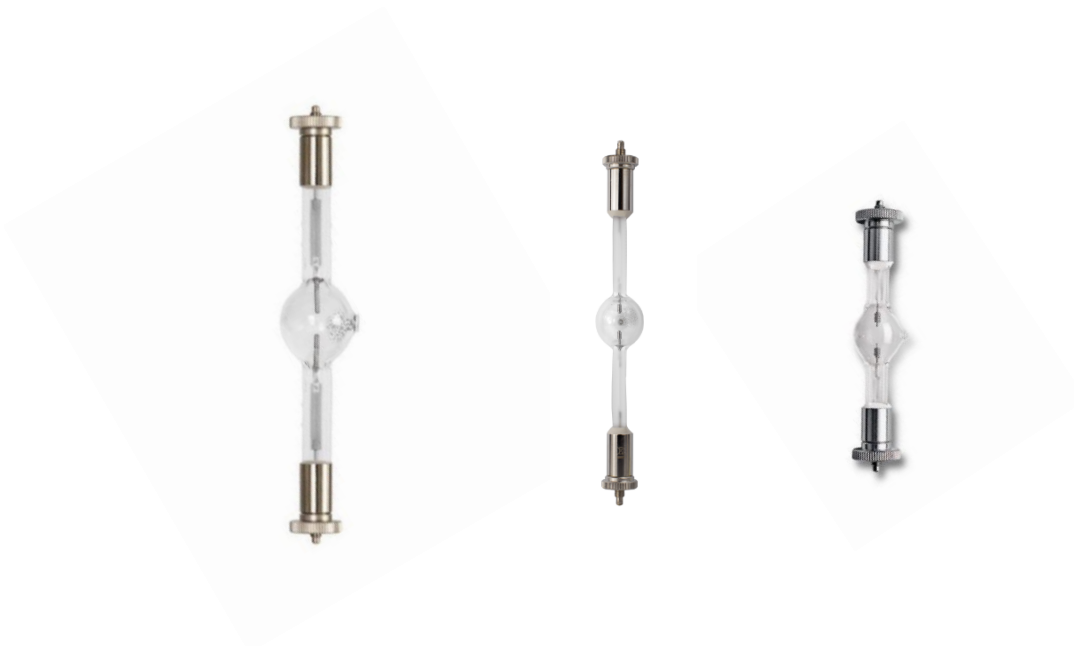
An injection of LED technology into the ADB product range

At the Claypaky booth, D45, there will also be some highlights on show from the product portfolio of Osram's ADB brand. Alongside various hardware and software solutions for versatile lighting control in theaters and TV studios, ADB presents a new range of LED-based projectors. The LEXPERT PROFILE SPOT and FRESNEL lights feature white LED solutions for replacing 1 kW halogen lamps. The series includes the compact and versatile LEXPERT EMPHASY. Finally, the cyclorama KLEMANTIS and the new OKSALIS floodlight provide beautiful color washes thanks to innovative HCR technology.



The new HMI STUDIO lamps present film scenes in perfect, warm light using a particularly warm color temperature, without the making use of additional halogen lights, halogen light bulbs or CTO filters.

Picture: OSRAM

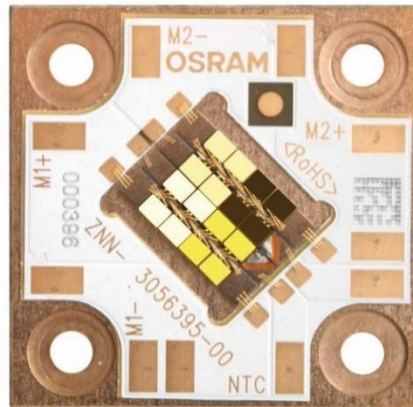


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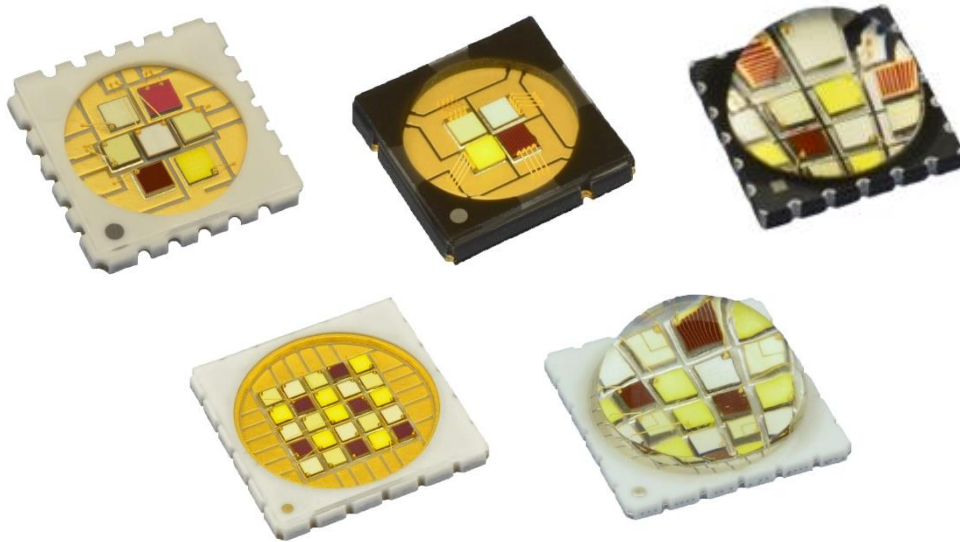
Picture: Osram



A special lamp filling in all models of the Lok-it! Power Series reduces the green tone that is otherwise common in metal-halide lamps.
Picture: Osram



The multi-channel LED module S32 RGBW from Osram combines high luminance with a high light output.
Picture: OSRAM



The LuxiGen Entertainment LED emitter portfolio is based on LED Engin's proprietary multi-layer ceramic technology.

Pictures: Osram

Press contact

Nadine Schian

Tel. +49 89 6213-3769

press@osram.com

ABOUT OSRAM

OSRAM, with its headquarters in Munich, Germany, is one of the world's leading high-tech companies with a history dating back more than 110 years. Its predominantly semiconductor-based products make a wide range of applications possible, from virtual reality to autonomous driving to smartphones, as well as intelligent lighting solutions for buildings and cities. OSRAM makes use of the infinite possibilities of light to improve the quality of life of individuals and communities. Innovations from OSRAM enable people all over the world to communicate, travel, work and live better. At the end of 2017 (as per 30 September), OSRAM had approximately 26,400 employees around the world and generated turnover of 4.1 billion euros to the end of the 2017 fiscal year. The company is listed on the Frankfurt am Main and Munich stock exchanges under WKN: LED 400 (ticker symbol: OSR). You will find more information online at www.osram.de.