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Elation full-color KL Panel XL soft light now available in IP65 version

Lighting designers have been quick to adopt Elation's KL Panel XL™ for high-quality soft light illumination in broadcast and film environments of all types. Now the full-color-spectrum soft light is available in an IP65 version—the [KL Panel XL IP™](#)—that makes it an even more versatile broadcast-quality luminaire.

The fixture's IP65 design means the KL Panel XL IP can be used in a wider range of applications and locations. Suitable for use in both indoor and outdoor settings, it is an ideal soft light solution for on-location applications. Its weatherproof design allows it to function properly in harsh environments and adverse conditions, eliminating the need for frequent cleaning and maintenance and saving both time and cost.



Exceptional quality key, fill, and backlight

The KL Panel XL IP offers exceptional output with precise control over color temperature and full-spectrum color rendering for an even wash coverage. Optimized for the tunable white light requirements of film and television, it is a versatile and reliable soft light source for a wide range of applications that demand outstanding performance and color quality. It provides bright, highly variable lighting of exceptional quality for key, fill, and backlight.

Beautiful soft white or full-color washes

Using a highly-efficient 570W RGBW+ Lime + Cyan LED Array, the KL Panel XL IP produces beautifully soft white or full-color washes up to 40,000 field lumens at a 100° half-peak angle. Color reproduction is extremely accurate both to the eye and to the camera with a CRI of 95 while color temperature is easily adjustable from 2,000 to 10,000K for a wide choice of variable color or white shade projections. Additional color tuning is possible through a green-shift adjustment and virtual gel library to match more precisely the white balance for the camera.

Multi-zone control



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The KL Panel XL IP's LED array is equipped with multi-zone control, enabling dynamic color access, visually striking effects and realistic reproductions, such as fire, lightning, emergency vehicle flashes and various strobe effects.

Other useful design features

Besides its wide spectrum of chromatic options, this dynamic soft light luminaire includes other useful design features like smooth 16-bit dimming and selectable dimming curve modes for programming ease, as well as a high-speed electronic shutter and strobe. Measuring 33.1 in/840 mm (L) x 14.4 in/366mm (H), a 4x2-section control option provides additional creative capabilities for color effects and visual impact. The KL Panel XL IP comes with a diffuser for even softer projections, as well as adjustable and removable 8-leaf barn doors that enable customization of the beam shape and reduction of light spill.

Fully optimized for broadcast

Virtually silent, the KL Panel XL IP is fully optimized for broadcast and film environments with 900-25000Hz LED refresh rate adjustment for flicker free operation. Compact and portable, it can be mounted on a stand or suspended using any standard clamp or the included Junior pin adapter. A rugged housing with impact-resistant surrounds and base plate ensure that the fixture can handle rough handling on today's fast-paced sets.

Power and control options

The KL Panel XL IP is fully self-contained without the need for an external power supply and offers power pass through for easy linking of multiple units. The fixture can be powered remotely through its integrated 4-pin XLR 24-36 VDC battery input (battery not included). Professional control options include DMX/RDM, Art-NET and sACN. It can also be controlled manually for stand-alone use using the included encoders and OLED display, providing instant control of intensity, color temperature, green shift and other settings. The display and encoders are conveniently positioned on the bottom of the fixture to ensure easy access while the fixture is mounted on a stand. The integration of Elation's E-FLY™ wireless DMX system allows for even more flexibility of use.

The KL Panel XL IP is energy efficient for such a bright soft light, consuming 681W of max power, and offers other benefits of LED like greater reliability, a long LED life rating and less maintenance for a lower cost of ownership.

About Elation Professional

Based in California with facilities in Florida and Mexico City, as well as European offices in The Netherlands, Elation designs and manufactures a comprehensive range of innovative lighting products known for its superior performance, excellent efficiency, and outstanding price:value ratio, all backed by a hard-earned reputation for Total Support. Elation also offers an advanced line of lighting control products through Obsidian Control Systems, as well as a full range of dependable specialty effects called Magmatic. Our mission has always been simple: to provide best-in-class products and service while



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offering the best value:performance ratio in the industry. Elation products continue to be a part of the industry's most exciting projects across the globe. We invite you to take a closer look at www.elationlighting.com

For more information, contact:

Elation Professional US

6122 S. Eastern Avenue
Los Angeles, CA 90040
USA

Tel: (866) 245-6726 (toll free)

Tel: (323) 582-3322

sales@elationlighting.com

www.elationlighting.com

Elation Professional EU

Junostraat 2.

6468 EW Kerkrade

The Netherlands

Tel: +31 (0)45 546 85 66

info@elationlighting.eu

www.elationlighting.eu

Elation Professional Mexico

Av Santa Ana 30,

Parque Industrial Lerma,

Lerma, Mexico 52000

Tel: +011 52 728 282 7070

ventas@elationlighting.com

www.elationlighting.com