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Elation grows KL Series with broadcast optimized KL Fresnel 6 FC™ soft light

Elation Professional is pleased to be expanding its [KL “Key Light” Series](#) of LED Fresnel luminaires with the full-color [KL Fresnel 6 FC™](#). The new KL Fresnel 6 FC projects gorgeous shades across the full color spectrum and meets the strict standards of performance venues that are light critical and noise sensitive like broadcast studios and theatres.



Designed for any application requiring high output soft light with precise color reproduction and adjustable color temperature, the KL Fresnel 6 FC excels at highlighting performers or scenery on stage in a uniform wash of soft field light. Offering a wide array of color from rich saturates to subtle pastels and dynamic white light, it is an ideal key and fill light source for situations requiring outstanding color quality and is a perfect match with Elation’s KL Fresnel 8 FC.

The KL Fresnel 6 FC produces the finest quality of light with dynamic color temperature adjustment and full color control. It houses a highly efficient 220W RGBMA LED engine calibrated at 6500 Kelvin for a beautifully diffused wash of light. It produces up to 8,000 field lumens with a motorized zoom range of 10° to 32° for easy adjustment of beam size. For illumination that is more precise with less light spill, adjustable and removable 8-leaf barn doors allow for customized shaping of the beam.

Color rendering is of the highest quality with high CRI (92), TM30 (88) and TLCI (95) values, meaning that color re-creation is extremely accurate both to the eye and to the camera. As a flexible complement to any professional lighting system with customizable effects to accommodate a variety of aesthetic design requirements, the KL Fresnel 6 FC has also been designed with respect for the whisper-quiet requirements of the professional stage and studio.

Optimized for the specific requirements of broadcast, the KL Fresnel 6 FC can adjust for light that shifts away from pure white towards green or magenta through a green-magenta shift adjustment and a virtual gel library. Capable of matching the white balance for camera, users can easily shift the color temperature without the use of plus/minus green gels and filters. Additionally, the LED refresh rate can adjust up to 25 kHz so there is no flickering when used with high-speed cameras.



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DMX controllable with full RDM support, it offers intuitive manual control for standalone operation when desired for instant control of zoom, intensity, color temperature, green shift and other important settings. Display and dedicated dimming and control encoders are conveniently positioned on the bottom of the unit for easy, unobstructed access. The KL Fresnel 6 FC™ is also available in a pole operated model for easy pan, tilt and zoom maneuverability while avoiding having to access the fixture by climbing on a ladder.

The KL Fresnel 6 FC is portable yet rugged enough to withstand rough handling on today's fast-paced sets. It can be mounted on a stand or suspended using any standard clamp or the included Junior pin adapter. It is fully self-contained without the need for an external power supply and offers locking power pass through for easy linking of multiple units.

Exceptional color rendering quality, precise CCT presets and remotely adjustable LED refresh frequency make the KL Fresnel 6 FC an excellent choice for any professional production environment. Elation's KL Series also encompasses warm-white and cold-white models, as well as full-color-spectrum LED soft Panel lights, and full color LED Par light. See the entire range [here](#).

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 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

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