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Elation Introduces KL FRESNEL IP Series for Stage, Studio, and Outdoor Use

Elation is pleased to be expanding its KL “Key Light” Series of LED Fresnel luminaires with the IP65-rated **KL FRESNEL IP** Series, bringing the familiar character of a true Fresnel—soft edges, natural falloff, beautiful color—to any environment.

Available in weather-ready 6-inch or 8-inch models with versatile design options, KL FRESNEL IP fixtures project gorgeous soft-field light across the full color spectrum. They meet the strict standards of light-critical, noise-sensitive venues such as broadcast studios and theaters.



Consistent, High-Quality Color

Built for any environment, and engineered to simplify setup, each fixture uses an RGBMA engine combined with customized optics to enable precise color reproduction across a stage or studio system from rich saturates to subtle pastels and dynamic white light.

For a more cohesive rig—whether building a new system, upgrading, or expanding an existing one—the KL FRESNEL IP fixtures are perfectly calibrated with the wider KL and FUZE families to maintain consistent, high-quality color throughout any space.

The KL FRESNEL IP produces color-stable, camera-ready light with variable color temperature adjustment and full color control. Calibrated at 6000 Kelvin for a beautifully diffused wash, balanced, full-spectrum output ensures natural skin tones and accurate color.

[KL FRESNEL 6 IP](#): 250W RGBMA LED, 7,400+ lumens



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[KL FRESNEL 8 IP](#): 500W RGBMA LED, 16,000+ lumens

Color and Beam Management

Color rendering is of the highest quality, with high CRI (94) and TLCI (95) values, ensuring extremely accurate color reproduction both to the eye and to the camera. CMY emulation supports familiar programming styles, while the fixtures can fine-tune looks using a virtual gel library or correct color drift with a green–magenta shift adjustment.

Capable of matching camera white balance, users can easily adjust the color temperature between 2400K and 8500K for precise tuning, while a dim-to-warm function emulates classic incandescent warmth. Smooth 16-bit dimming curves and a variable strobe provide nuance and impact for dynamic designs.

Classic, Customizable and Quiet

Designed for precision and flexibility, an internal motorized 8°–60° zoom preserves classic Fresnel behavior with the smooth falloff that designers expect in a compact, easy-to-rig form while adjustable 8-leaf barndoors allow precise beam shaping.

Optimized for broadcast and live performance, the fixtures remain whisper-quiet and offer an LED refresh rate up to 25 kHz for high-speed camera compatibility. Multiple DMX-controllable fan modes—from High to Silent—support both open-air shows and camera-critical environments, reducing maintenance and ensuring reliable performance.

Built for Any Environment

The KL FRESNEL IP is portable and rugged, designed for crews who move quickly and rig often on today's fast-paced sets. A lightweight, IP65-rated design protects against dust, rain, and outdoor exposure while maintaining a studio-clean aesthetic.

Smart setup tools, including NFC configuration, a rear-facing LCD interface with dual encoders, and Aria X2 wireless DMX, speed installation from prep to programming. DMX controllable with full RDM support, it offers intuitive manual control for standalone operation, enabling instant adjustment of zoom, intensity, color temperature, green shift and other key settings.

On camera or on stage, indoors or outdoors, the KL FRESNEL 6 IP and 8 IP deliver reliable performance that holds up under demanding schedules and outdoor conditions while reducing maintenance and downtime. The result is a Fresnel that looks classic, feels modern in its control, and delivers reliable performance wherever it needs to shine.

The KL FRESNEL 6 IP and KL FRESNEL 8 IP are available now through authorized Elation dealers worldwide.

About Elation

At Elation, we collaborate with leading professionals in the lighting industry to help bring extraordinary experiences to life. As a designer and manufacturer of a wide range of high-



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performance entertainment lighting products, we're proud to be a trusted partner to top lighting professionals and rental houses around the world. Our commitment to quality, innovation, and creative solutions has made us a go-to resource in the industry. We also offer an advanced line of lighting control products through Obsidian Control Systems, and a full range of dependable specialty effects called Magmatic. Elation serves clients worldwide through offices in Los Angeles, Mexico City, and the Netherlands. We invite you to take a closer look at elationlighting.com

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