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# Elation PROTEUS RADIUS with Cutting-Edge LILI Technology

Powerful LILI light engine projects long distances with unparalleled brilliance while offering a host of other benefits such as improved energy efficiency, light quality, and adaptability

Elation has launched a new era of high-impact beam lights with the [PROTEUS RADIUS](#), a compact, high intensity IP66 Beam FX fixture powered by a LILI (Laser Illuminated Lighting Instrument) light engine. With the PROTEUS RADIUS, designers can transform any space with astonishing effects, powerful technology, and rugged durability needed to create magical moments.



## LILI Technology

LILI is revolutionary technology that offers a host of benefits such as a tighter, sharper and brighter beam, improved energy efficiency, better light quality, and increased adaptability. The PROTEUS RADIUS's laser-based LILI light engine produces a remarkably bright, concentrated beam of light that can span impressively long distances. The ultra-narrow beam cuts through as a solid column of dense light, adding attention-grabbing impact to any event or environment. Highly efficient with little heat produced, the LILI engine boasts a long life of 10,000 hours without significant degradation in brightness or quality, keeping replacement and maintenance costs low.



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Eric Loader, Elation Global Vice President Sales, comments, "LILI sources will continue to drive innovation in our lighting products. These laser-based technologies are set to improve energy efficiency, light quality, and adaptability, allowing for more creative and high-performing solutions across the entertainment lighting industry. They provide the ideal output for longer throw distances with lower energy consumption, extended lifespan, and reduced maintenance compared to traditional short-arc discharge lamp sources."

The PROTEUS RADIUS's efficient 100W LILI light engine delivers an ultra-intense 0.9° beam that slices through even vast spans of space. The powerful beams combine with a full complement of design features that allow designers to compose an array of stunning aerial effects with ease. The PROTEUS RADIUS is available as a Class 1 Risk Group 2 Laser Product, meaning it requires no federal operator variance for use in the United States (local regulations still apply).

### **Array of Artistic Tools**

The PROTEUS RADIUS unleashes a realm of creative possibilities.

- Endless 360-degree pan and tilt movement makes for riveting animations that can fill any space while the included FX package features an array of useful designs and effects.
- An artistic selection of 13 interchangeable-rotating/indexing metal gobos and 29 static-stamped metal gobos provides designers an abundance of creative aerial possibilities.
- Four prisms divided between dual overlapping planes split beams in virtually unlimited combinations for eye-catching aerals. Prism macros are included for programming ease.
- Dual frosts soften the beam when needed for breathtaking wash effects that paint surfaces with vibrant hues or bathe the sky in a kaleidoscope of colors. Dimming is ultra-smooth without flickering.
- CMY color mixing with CTO and a 25-position color wheel offer virtually unlimited color options, a system that is lightning fast for immediate color transitions and instant color bumps. Transitions are seamless while the motorized focus ensures pinpoint accuracy. Light can be further manipulated using the digital shutter and strobe.

### **PROTEUS Protection**

RADIUS lets designers create with confidence, rain or shine. Protected by Elation's market-proven PROTEUS technology, its rugged aluminum shell and advanced marine-grade coating provide unparalleled durability and protection against the elements. An IP66 rating and surprisingly compact design mean the RADIUS can unleash its power virtually anywhere creativity calls while mercury-free solid-state technology keeps it cool, quiet, and efficient.

The PROTEUS RADIUS underscores Elation's dedication to pioneering new and superior lighting solutions and marks a significant leap forward in the realm of high-impact beam lighting. The LILI system empowers designers with sharp, laser-like beams, exceptional color precision, and long-lasting performance for any setting.

### **About Elation**



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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-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. We invite you to take a closer look at [www.elationlighting.com](http://www.elationlighting.com)

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