

Enhancing Safety and Productivity for Five Decades

BIRNS has been serving the nuclear power industry since the 1970s. Today, we continue to make work inside containment safer and more efficient, with innovative lighting solutions that save operating costs and time, for everything from fuel handling and inspection to daily tasks.



The 85,000 lumen BIRNS Lumena-6™ is an advanced, intensely bright seismically qualified nuclear underwater LED floodlight that reduces fuel handling costs by bringing daylight illumination to reactor cores, fuel transfer canals and storage pools. It has an integrated power source and is certified for use in water to 70°C without life reduction.

Our seismically qualified, UL listed emergency lighting fixture (BIRNS ELF-LED™) provides up to 40 hours of high intensity emergency illumination, with integral rechargeable batteries, low 35W power draw and a 50,000 hour lamp life.



The high performance, low maintenance BIRNS Quantum™ series of high and low bay lights delivers powerful illumination for safer, more comfortable and more efficient working conditions inside containment and throughout the plant. They come in a range of configurations, all with low power draws (53W-210W) and long lamp lives (60,000-100,000 hours) and high radiation tolerances.



BIRNS' Quality Management System is AS9100:2016 Certified by DNV and Compliant to NRC 10CFR50, App. B

BIRNS®
High Performance . . .
Under Pressure®

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