



New Certifications and Upgrades to the BIRNS Lumena-6™ and ELF-LED lines

BIRNS lights have helped nuclear facilities lower operating costs and increase safety and productivity for decades. We are continually improving and enhancing our designs to best serve the needs of the nuclear market, and are excited to share some new testing certification results for the popular BIRNS Lumena-6™ LED floodlight, and a new lamp upgrade to our line of LED emergency lights.



Our seismically qualified [Lumena-6](#) has been breaking former barriers in reactor core and fuel pool lighting since it was introduced. With an 85,000 lumen output, long term illumination and fully integrated power supply, this high performance plug and play system enhances safety, performance and speed in nuclear fuel handling applications worldwide. A customer recently requested extreme high temperature testing of the system, and it passed the rigorous testing protocols with flying colors—and is certified for use in water to 70° C with no life reduction.



We've introduced an upgrade to our acclaimed [BIRNS Emergency Lighting Fixtures](#) (ELFs) recently, with new LED lamps that provide even more light output at 460 lumens, and extended 50,000 hour lamp lives. These UL listed systems deliver up to five times more standby illumination (24-40 hours) than required by 10CFR50, App. R Sect. III.J., in case of SBO or loss of AC power, and help nuclear stations achieve B.5.b (EA-02-026) Post-Fire Safe-Shutdown.



[BIRNS Lumena-6 before and after in-use video](#)

[ELF-LED seismic qualification video](#)



BIRNS, Inc.
1720 Fiske Place
Oxnard, CA 93033
www.birns.com
service@birns.com

BIRNS Quality Management System is
ISO 9001:2015 Certified;
NRC 10CFR50 Compliant
Our Molding Facility is
NAVSEA PRO-020 Certified