

A Quantum Leap

The new BIRNS Quantum™ floodlight delivers powerful, extended use LED illumination for demanding high ceiling applications inside containment, with a 21,383 lumen output and a 109,000 hour lamp life. It provides safer, more comfortable and efficient working conditions with a near-daylight color temperature of ~ 5000K. With a low 210W power draw, along with optical efficiency of nearly 83%, it offers huge energy savings over metal halide and tungsten-halogen lamp options. The versatile BIRNS Quantum has a high radiation tolerance of 2.5×10^5 Gy (2.5×10^7 R), is UL-listed and accepts a wide range of input voltages, from 100V to 277V. It comes with an adjustable Universal mount for both ceiling and wall mount configurations.

This unique light is precision engineered with a robust, all stainless steel exterior housing, with corners and edges rounded for worker safety, and all surfaces smooth for easy use, cleaning and decontamination. It's constructed of nuclear-compatible materials, and is designed with fully captivated parts for safety and efficiency of use.



Today's Emergency Preparedness

Our new BIRNS Emergency Light Fixture-LED™ is a powerful system that delivers up to 40 hours of automatic SSE lighting. That's five times more standby illumination than required by 10CFR50, App. R Sect. 111.J, in case of SBO or loss of AC power. The robust BIRNS ELF-LED is seismically qualified per IEEE-344, provides brilliant illumination with a 50,000 hour lamp life, and has a wide voltage input range available of 115-



240 VAC.

It has a slim profile (only 90mm in depth), an easy to clean stainless steel construction, maintenance-free batteries and a factory-programmable PCB for superior battery performance. Plus, it helps nuclear stations achieve B.5.b (EA-02-026) Post-Fire-Safe-Shutdown, and helps comply with NRC EA-12-049/SECY-11-0124. It's no wonder that these rugged, high performance lights have been the solution of choice in facilities everywhere from Italy to China, from the U.S. to Spain. Contact our sales department to discuss options that will fit your plant's needs!

Six Decades of Excellence!

As you may know, 2014 is the big 6-0 for BIRNS, Inc., and we would like to thank our valued customers for supporting us and helping us reach this major milestone. We are honored to have had the opportunity to serve the industries in which we operate since 1954, and we look forward to the next 60 years! It's truly a privilege to be trusted to deliver lighting systems that have changed the face of innovation in some of the most demanding environments on the planet. Thanks for making BIRNS what it is today!



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BIRNS is NAVSEA PRO-020 Certified; Our Quality Management System is ISO 9001:2008 Certified by DNV

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