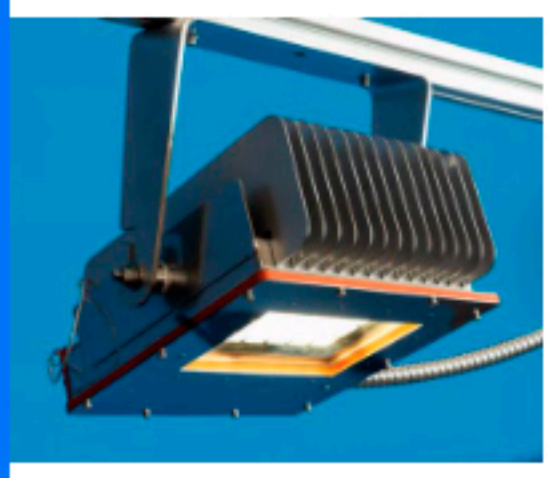
High Performance . . . Under Pressure®

New BIRNS Quantum-Q™ Low Bay LED Light Provides Safe and Extended Illumination



BIRNS Quantum-Q

Having the right type of energy efficient lighting inside containment is critical for both safety and productivity. That's why BIRNS is pleased to announce the launch of the BIRNS Quantum-Q™, a low bay addition to the popular BIRNS Quantum family of high-performance LED nuclear floodlights. This robust solution adds functionality to closer quarters with a compact design that is only 15.7 inches long and 5.3 inches high, fitting seamlessly into a range of applications including under walkways, overhead cable trays, ceilings and mezzanines. The BIRNS Quantum-Q has a lamp life of approximately 60,000 hours and a mere 53 Watt power draw, therefore offering huge savings for nuclear power plants. With 5,300 lumens of near daylight "white light", it dramatically improves the safety of important work areas, with comfortable, reliable illumination. It is available with two different adjustable yoke mounting options, and can be either wall or ceiling mounted.

The BIRNS Quantum high bay family of LED floodlights was initially designed in 2014 to be included in the Westinghouse AP1000 nuclear power plant design. The more compact BIRNS Quantum-C™ was later introduced and became widely used, particularly on polar cranes. Based on the huge success of the series, as well as industry demand for reliable low bay nuclear lighting, BIRNS developed the rugged BIRNS Quantum-Q. It has a radiation tolerance of 2.5 x 105 Gy (2.5 x 107 R), and like all BIRNS nuclear lights, it is developed specifically for challenging environments inside containment that can also include heat, dust and moisture. Plus, its precision engineered with all nuclear grade materials to provide safe, efficient, long-term illumination with easy cleaning and installation.

BIRNS Lighting Webinar with Framatome Team

U.S. nuclear utilities and personnel are invited to join Framatome, BIRNS' exclusive North American nuclear lighting distributor, for its upcoming webinar: Powerful and Reliable Lighting Solutions. Breanna Doherty will discuss the latest technological advancements in high performance nuclear lighting. She will share case studies of BIRNS installations, with improvements that have been described as 'from like night to day', with the company's robust, brilliant, nuclear-grade solutions.

Learn more about what the latest underwater, high bay and emergency lighting systems are doing for today's nuclear power stations' safety and productivity. U.S. utilities can invited to register at: https://bit.ly/2CWGMZs

Save the date

Webinar — Powerful and Reliable Lighting Solutions from **BIRNS**

Learn more about the latest technology in robust, brilliant nuclear lighting solutions that increase safety and efficiency and lower maintenance costs.

Date
Wednesday, August 5

Time
2:00 to 2:30 p.m. Eastern Time

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