

SONARAY™ LED Lighting Ships First Custom Obi NSF-Certified Triple Light Bar Fixtures to Fortune 100 Poultry Company

Collaboration could lead to standardized food processing lighting solution

(Verona, Virginia – May 22, 2018) SONARAY™ industrial, commercial, and marine LED lighting today announced shipment of its first custom Obi NSF-certified triple light bar fixtures into a food processing environment.

The product is a custom design, tested to 3000 PSI hose down, is IP69K rated, NSF and DLC certified, and is purported to be the first product of its kind and wattage class to be rebate approved by the state's primary utility provider in this application due to its exceptional lumen output. The initial phase of this retrofit is in the further processing plant for one of the world's largest and most widely known poultry facilities.

The fixture has been engineered to these standards by Virginia-based SONARAY™ who worked directly with the client's onsite engineering team to jointly develop a specific, custom product utilizing three 30-watt Obi Light Bars, motion sensing, and various other proprietary features developed by SONARAY™.

The first phase retrofit installation will save the client close to \$50,000 annually with combined savings from reduction in kilowatt usage and HVAC savings from heat reduction. Payback for the initial installation of approximately 150 fixtures comes in at just under one year for the client. Each new fixture utilizes 90-watts of LED power to replace a 400-watt metal halide fixture with resulting savings from each fixture at \$282 per year. Most of this savings comes from reduction in kilowatt usage as each fixture reduced power consumption from 4047 kWh/yr. to 520 kWh/yr. or an 87% reduction in kilowatt usage. Additionally, the implementation of motion sensing has cut daily on-time for the fixtures from 24-hours per day to roughly 16-hours per day.

This fixture is specifically designed for use in food processing facilities and is the first collaboration between SONARAY™ and customers in this industry as it relates to the full development and engineering for a specific application.

According to Robert Seward, SONARAY™ National Sales Manager, "This fixture demonstrates our flexibility as a right-sized company to work closely to develop a unique price sensitive luminaire to provide a very specific solution for our clients. We worked directly with the client's engineering team to bring a concept to reality that can be used in food processing facilities around the globe. With our ability to engineer, design, and manufacture proprietary products in a timely fashion, we offer distinct and very real advantages over many manufacturers in the market."

SONARAY™ has Americas headquarters in Central Virginia and offers LED lighting solutions for industrial, commercial, marine, and horticulture markets. More information on SONARAY™ LED lighting can be found at www.sonarayled.com.

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