



WAREHOUSE

Gander & White

Founded in 1933, Gander & White is one of the world's premier shipping and installation companies of fine art and antiques. With locations throughout Europe and the United States, Gander & White has been entrusted with the installation of art from some of the largest private collectors and institutions worldwide, including art dealers, private collections and museums from around the globe.

Challenges

In a renovation of their Wimbledon, UK Facility, the company decided to upgrade their lighting along with adding additional storage space and replacing the roof. For employee safety reasons they were interested in finding a way to create more illumination in the work space. This was difficult in the past because more light also meant more Ultra Violet (UV) Light emissions which were damaging to many of the priceless pieces of art and historical artifacts that went through their facility.

ActiveLED[®]
Case Study

Solutions

Because they emit practically no UV emissions and have become the lighting type of choice for museums striving to preserve valued artifacts and maintain their original colors, LED lighting was the obvious way to go. ActiveLED® replaced (15) 400 Watt High Pressure Sodium and (15) 460 Watt Metal Halide Fixtures with (24) ActiveLED® High Bay Strip Light Fixtures at only 104 watts each.

Results

The results were immediate. The ActiveLED® fixtures produce safe, brighter lighting levels with better color rendering and an energy savings of 80.7% over their previous lighting. There were also other, unanticipated results. “The staff has expressed that they do not feel as tired or drained at the end of a day,” said Jim Grundy, Director of Operations at Gander & White. “It’s like seeing in high definition.” Due to European environmental regulations, the company was also pleased with the resulting savings of over 18.5 tons per year in CO₂ emissions. Thanks to ActiveLED®, Gander & White now has a brighter environment for their employees, and a safer environment for the precious items in their care.

Before



After



ActiveLED®, Inc., established in 2007, is an innovator of solid-state technology and manufacturer of commercial and industrial LED lighting fixtures. ActiveLED® is at the forefront of LED lighting technology and has revolutionized the standards of LED lighting to deliver better, cooler, longer-lasting lights that use a fraction of the Watts compared to other fixtures.

ActiveLED® is based in the United States with offices in the United Kingdom, France, Japan, and Singapore.



Project Summary

Customer:

Gander & White Shipping, Ltd.

Application:

Create more light in their warehouse and eliminate harmful UV emissions.

Lighting Product:

ActiveLED® High Bay Strip Light

Before:

15 High Pressure Sodium Lights @ 400 Watts per fixture.

15 Metal Halide Lights @ 460 Watts per fixture.

Total = 12,900 Watts

After:

24 ActiveLED® High Bay Strip Light Fixtures @ 104 watts each.

Total = 2,496 Watts

Results:

- Extremely low UV Emissions
- Reduction in Watts: 10,404 Watts
- CO₂ Savings – Over 18.5 tons a year
- Estimated 1st Year Savings – \$4,300.00