



INDUSTRIAL

Halliburton TechCommand Centers

Converted from shipping containers, thousands of Halliburton TechCommand Centers are sent across the globe to house electronic and monitoring equipment used in oil and natural gas exploration and drilling.

Challenges

The main work area inside the control centers needed to be well lit for the crews involved in studying maps, charts and other detailed documentation. There were three primary challenges Halliburton faced in providing these centers with sufficient lighting. First, the lighting fixtures needed to be shallow enough to fit in a small mounting space. Second, the lighting needed to draw as little power as possible so that they wouldn't overload the already heavily burdened, on-board diesel generator used to keep the electronics cool in the ambient temperature of typically hot, arid, and remote locations. Lastly, it was important that the lighting be shatter-proof so it wouldn't get damaged during the shipping process.

ActiveLED[®]
Case Study

Solutions

ActiveLED® teamed up with General Truck Body (GTB) in Houston, Texas, the company that builds the TechCommand Centers for Halliburton. The ActiveLED OL14 Series 1x4 Recessed Troffers were chosen to replace the fluorescent lighting that had previously been used. At an installation depth of less than 5", the OL14 could be easily and effortlessly installed from beneath the plywood lining inside the trailer. The OL14 provides clear and adequate light with only 38 Watts in place of the 73 Watt fluorescents, cutting the required energy by nearly half. Also, LEDs are a shatter-proof technology that won't get damaged during the shipping process.



Results

The ActiveLED OL14 Series 1x4 Recessed Troffers reduced power consumption by 48% while providing a brighter, more even light within the space. The fixtures are CE compliant and meet worldwide standards. The installation of the OL14 fixture was very simple and took one-third the time to install. And with a ten year, No-Light-Loss warranty, Halliburton shouldn't have to worry about fixture maintenance for over a decade. The ActiveLED OL14 Series 1x4 Recessed Troffer is now being installed in all new and refurbished TechCommand Centers for Halliburton.

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:

General Truck Body for Halliburton

Application:

Provide energy saving LED Lighting for Halliburton TechCommand Centers

Lighting Product:

ActiveLED® OL14 Series 1x4 Recessed Troffers

Before:

7 Fluorescent 1x4 Troffers @ 73 Watts per fixture. Total = 511 Watts

After:

7 ActiveLED® OL14 Series 1x4 Recessed Troffers @ 38 Watts per fixture. Total = 266 Watts

Results:

- Reduction in Watts: 48%
- Shatter-proof technology that won't get damaged during shipping
- CE compliance for worldwide standard compliance
- Easy Installation
- 10-year No-Light-Loss Warranty