

LED Lighting a Bright Idea for IT Firm

Energy efficient LED Lighting system for Globenet Solution's new head quarters provided by One Electrical



Fast Facts
Project: LED Lighting Energy Saving Project
Where: Network House, Sale
Manufacturer: One Electrical Ltd
Products: Various LED Lighting
Visit: www.oneelectrical.com

Globenet Solutions

When Manchester-based IT services provider, Globenet Solutions, outgrew its offices, reducing operational costs was a key priority. Thanks to an LED lighting solution from One Electrical, the company has managed to reduce its lighting costs by £520 per month.

Prior to the change, the property's monthly electricity bill was in excess of £680. Switching to LED has resulted in a 75% saving, with monthly bills now averaging just £160.

The firm's new headquarters, Network House in Sale, had previously been occupied by a carpet retailer and was undergoing a full renovation to create a contemporary, eco-friendly workspace for its 15 employees.

One of Globenet's main priorities was to source and install quality LED lighting throughout the building in order to reap the energy saving and extended service life benefits that LED has to offer.

"We decided to install LED lighting after hearing all about the reduced energy costs and increased service life," explained Richard Chadwick, director of Globenet Solutions.

"The decision became even more appealing once we tested One Electrical's LED panel light. The aesthetics and light quality matched perfectly with our vision for a modern, employee focused workplace."

Globenet Solutions opted for One Electrical's 36W LED panel lights, which compared to 600 x 600mm standard fluorescent fittings, reduce energy consumption by more than 50%, while providing a like-for-like replacement and improved light quality.

The LED installation took place in March 2014 and lasted a total of three days. During this time, 60 36W LED panel lights were installed throughout the sales floor, finance rooms, canteen, boardroom and toilet facilities.

Financial benefits

The 36W LED panel lights have a life expectancy of 50,000 hours, compared to just 8,000 hours with traditional fluorescent lighting. With an average working week of 45 hours the new lighting is expected to last over 21 years, which will dramatically reduce Globenet's maintenance and lamp replacement costs.

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Richard Chadwick, director of Globenet Solutions

Modern aesthetics

The initial design brief for Network House set out to construct a modern, vibrant space for its staff members and visitors, with LEDs producing quality white light that creates an inviting, relaxing ambience.

The new LED panel lights also outperform traditional fluorescent fittings by delivering 2800 Lumens from only 36W.

Other additions

With LEDs using just a fraction of the electricity of standard incandescent

bulbs and maintenance now reduced to a minimal, Globenet has since introduced further energy-saving measures to Network House, all of which have been provided by LED commercial lighting specialist One Electrical. These include emergency exit signage, outdoor LED floodlighting and LED down lights to the washrooms.

Chadwick added: “We’re exceptionally pleased following the LED lighting refurbishment and are now planning to convert our warehouse lighting over to LED high bays in the near future.”



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About One Electrical

A UK based distributor of own branded quality electrical wiring accessories and lighting products, specialising in an extensive range of innovative, energy efficient LED lighting products. We are a recognised supplier to all UK national electrical wholesale groups and have hundreds of independent lighting & electrical wholesale customers, with more than 1,500 active UK accounts.

A Carbon Trust Accredited Supplier, One Electrical Ltd offers an LED lighting solution for every application; carrying extensive stocks of over 300 unique LED product lines with wattages ranging from 2W up to 200W, all with high lumen efficiency performance.

The product range includes retrofit products and also complete LED luminaries for both commercial and domestic applications. They are also able to supply bespoke LED products designed to exacting requirements; and offer a Relux based lighting design service. All of the LED products have a long life expectancy of 50,000 hours and are supplied with a minimum 2 year warranty.



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