

LED.CO.UK

Cool Runnings

Project:

Spires House, Oxford Business Park

Luminaire:

Product: Spires Custom Luminaire

Length: 1540mm

Wattage: 35W

Lumens: 5400lm

CCT: 4000K

Spires Custom Blanking Plate

Length: 1540mm

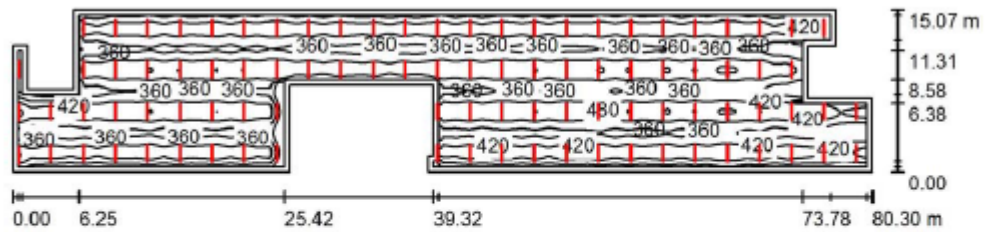


LED.CO.UK Spires Custom Luminaires have recently been installed at Spires House in Oxford to upgrade the buildings lighting scheme from fluorescent tubes to Linear LED to help achieve the company's aim to reduce its energy consumption. By replacing the lighting with LED.CO.UK Spires custom luminaires which were made to custom lengths with fixings to integrate seamlessly with the original ceiling tiles, this was achieved using 1540mm profiles with blanking plates to suit, reducing the overall quantity by half using the latest LED technology. The building is expected to receive approximately a 66% in annual energy cost savings, which also significantly reduces the carbon

footprint. LED.CO.UK were specified due to their competitive price and ability to meet the energy saving requirements that the contractor and client were aiming to achieve.

The lighting schemes were designed by LED.CO.UK to achieve 400 lux AVE which is in line with the latest BS EN 12464 regulations on the lighting of work places.

First Floor / Standard / Summary



Height of Room: 2.900 m, Mounting Height: 2.900 m, Maintenance factor: 0.80

Values in Lux, Scale 1:575

Surface	u [%]	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0
Workplane	/	406	267	538	0.659
Floor	20	376	162	449	0.430
Ceiling	70	102	66	48975	0.648
Walls (18)	50	211	75	1294	/