

Award winning architects' HQ uses energy efficient lighting from Cooper



The eco-friendly headquarters building of architects Watson Batty in Guiseley, Leeds, employs a lighting scheme comprising a variety of energy-efficient luminaires from Cooper Lighting.

Home to Watson Batty's 50-strong workforce, Shires House is a purpose-built three-storey building, which has picked up a number of awards for its innovative design and strong emphasis on sustainability features.

For the lighting scheme, the firm of architects recognised the importance of minimising energy consumption while at the same time creating a well-lit working environment, and different luminaires were selected according to the requirements of each individual area.

Because the building utilises a geothermal heating and cooling system, there are no conventional suspended ceilings, so it was decided that the main open-plan offices would be illuminated by Cooper's Crompton Synthesis range of suspended fluorescent luminaires.

These attractively styled luminaires aid compliance with the CIBSE LG7 guide by providing the requisite balanced lighting using a wide-distribution lens for uniform upward illumination, combined with a choice of louvres for direct downward illumination. In addition, Synthesis luminaires use twin T5 lamps (28W or 35W) and high-frequency control gear to maximise energy efficiency.

Featuring an elegantly curved, slim-line profile that measures only 66mm in depth, Synthesis luminaires are constructed from extruded aluminium with a choice of finishes. They are supplied with two 1.5m-long yoked suspension wires, which are easily adjusted to length by means of an ingenious yet simple clutch mechanism.

Various other products from Cooper's Crompton Lighting range were also supplied for different parts of the building, including Wafer T5 surface fluorescent luminaires to illuminate walkways, Combiform Plus semi-recessed modular luminaires in the conference and meeting rooms, Solstar fluorescent downlights on the landings, Waveform Wall luminaires in the stairwell, and Clareo pendant downlights to provide ambient lighting for the atrium area.

Cooper Lighting and Safety Limited
Wheatley Hall Road, Doncaster, South Yorkshire DN2 4NB
Tel: 01302 303303 Fax: 01302 367155
www.cooper-ls.com

22 September 2009