

EDUCATION

REFERENCE





Stimulating, natural light for multi-million-pound refurbishment at Calderdale College

Calderdale College, Halifax, West Yorkshire accommodates approximately 400 staff and around 6000 full and part time students. With a thriving curriculum, the college offers a wide range of full and part time courses in addition to work-based learning opportunities. They have recently completed a multi-million pound building programme to transform three floors of the main campus into state-of-the-art learning facilities.

Co-funded by the college and the Leeds City Region Local Enterprise Partnership – Growth Deal Funding, this exciting development will allow Calderdale College to deliver new courses to meet local skills and employment needs.

In scope of the refurbishment project was the lighting, TRILUX lighting were chosen to supply LED luminaires for all three floors.

Phil Allsop, Projects Manager for K2 Mechanical and Electrical Services, the main contractor on the project, explains, “The original lighting was a mixture of old surface luminaires, CAT 2 louvres and generally outdated fluorescent fittings. The overall concept of the new lighting was to create a stimulating environment which could meet the challenges of a modern learning centre both in terms of the lighting design and functionality while providing a lighting scheme which encouraged collaborative working.”

“Working with a creative professional team, TRILUX were able to propose and design a varied state-of-the-art lighting scheme. A wide variety of modern, energy efficient LED luminaires were used throughout with several suspended direct/indirect luminaires to provide a more naturally lit environment. Regular symmetrical arrays of lighting were avoided where possible which helped provide areas of interest and promote group collaboration.”

The result is a flexible and adaptable environment via the introduction of open plan study areas, with complex lighting schemes to provide a variety of spaces for different forms of study. Areas of interest include the reception area, library, digital suites and innovative beach hut group working spaces.

Colin Bell, TRILUX Lighting, says, “Amongst the many LED products selected were Lateralo P, Coriflex, Luceo, Siella LED, Amatrix, SncPoint 905 and LC67. The great thing about this scheme is that it exceeds current regulations, so it is ready for any future energy recommendations.”

CALDERDALE COLLEGE, HALIFAX, WEST YORKSHIRE

PROJECT TEAM

Consultant: Environmental Services Design
Main Contractor: K2 Elec



