



CASE STUDY Mercia School, Sheffield

Incorporating a multi-service luminaire for maximum space flexibility

The Mercia School is a truly outstanding, contemporary building comprising a mixture of traditional learning spaces, specialist classrooms, a sports hall and a set of multi-functional community facilities.

The project design brief was focused on a modern look with open soffit ceilings and maximised natural light penetration, with a particular challenge being a lack of wall space for installation of other services.

In order to deliver flexible learning spaces and maximise the usable floor area in classrooms, allowing pupils to develop their full potential, Whitecroft Lighting incorporated Foil Radiant, an integrated services solution combining **lighting**, **acoustic** and **heating** technology.



1,200+
PUPILS CATERED FOR

£25m
PROJECT VALUE

200+
FOIL RADIANT LUMINAIRES



The solution

As it was imperative to supply the necessary services while not detracting from a clean, productive learning space, Whitecroft Lighting equipped science classrooms with over 200 Foil Radiant luminaires, a multi-service light fitting developed with heating specialists Zehnder. By integrating both the heating and acoustic services into a single lighting feature, Foil Radiant delivers an uncluttered space conducive to the teaching environment envisaged by both the architect and the Mercia Learning Trust, to support the vision and values of the school.

To further contribute to the enhanced learning environment and add to the visual cohesion of the project we used Foil SRD with integrated acoustics panels, Avenue LED and Oculus luminaires throughout the building.

Key facts

Project Name	Mercia School
Location	Sheffield
Project Value	£25 million
Client	Sheffield City Council
Architect	Bond Bryan
Contractor	BAM Construction and Mott MacDonald
Opened	September 2018

Key products



Foil Radiant



Foil SRD



Oculus



Avenue Metro Surface