



Case Study

Rotherham College

Thomas Rotherham College was formed as a Sixth Form College in 1967 but its origins date back to 1483 when what became Rotherham Grammar School for boys was founded by Thomas Rotherham, a local scholar who had risen to be Archbishop of York, Chancellor of England and Chancellor of Cambridge University.

Mark Lewis, Electrical Engineer at Lilleker Bros Ltd said "I was asked by the head of the Facilities Management team at Thomas Rotherham College to see what could be done in the canteen/break out area. Their lighting at the time was 34 x 70W HQI (2,380W) these were replaced with 9 x 180W LED Lowbay fittings (1,620W). The quality of the light was poor due to low light levels, it was also expensive to run with the added disadvantage of frequent lamp/ballast failures.

I contacted Bell who offered an LED Solution including; Lowbays, Aqua & Deco fittings which reduced the quantity of fittings, minimised the running costs, improved the light level and atmosphere. The Head of FM said he was *Over the moon with the result.*"

- Over the life of the fittings Thomas Rotherham College could save £5376 in energy costs • Energy Saving 34%
- Annual Energy Saving 2796kWh / Annual CO₂ Saving 1565kg / Annual Maintenance Saving £600



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