

Project: Greenow Hall LED Lamping / 1057635

Quick facts	
Project value	£13,000.00
Client name	Nigel Hodson (Campus Services)
Work start date	14 th June 2010
Completion/open date	18 th June 2010
UoR project manager	Steve Slatter ☎0118 378 6613 ✉s.w.slatter@reading.ac.uk

Project stakeholders

Client :- Campus Services

Contractors :- Southern Electric Contracting / Green LED

For the University :- Steve Slatter

Progress/work schedule

The project was to install LED lamping in half of the rooms in Greenow Hall within Park group.

Each of the bedrooms has a twin 1800mm fluorescent light fitting. Each of the original fluorescent lamps used 36 watts of electricity so that was a total of 72 watts per room. The new LED lamps only consume 15 watts each so the new total of 30 watts per room is less than one of the original fluorescent lamps power consumption.



Typically traditional fluorescent tubes have a useful life of 7,500 hours and suffer from degradation of light output towards the end of their life. However LED lamps have an expected life span of 40,000 hours, with no loss of light output.

Typically traditional fluorescent tubes have a useful life of 7,500 hours and suffer from degradation of light output towards the end of their life. However LED lamps have an expected life span of 40,000 hours, with no loss of light output.

The new LED lamps are colour matched to give a light output closer to daylight which is not only nicer to work under but also gives better colour rendering. Incidentally this gives the illusion of a brighter light source.

Did you know?

The Reason LED lighting uses less power for the same light output is because the old fluorescent lamps produce light in a wide range of light frequencies (many of which cannot be seen with the human eye) whereas the LED lamps only produce light in the visible frequency range. Therefore not wasting energy on producing light that cannot be seen.