

PRESS RELEASE

'ECONOMIC & MAINTENANCE FRIENDLY- LIGHTING FOSTER WHEELER ENERGY

Although this project was completed several years ago it still offers and insight into cost effective lighting for the building operator. The site is the former home of Berkshire County Council and comprises interlinked 3-4 storey pavilions. Internally the refurbishment included new air conditioning, new ceilings and new lighting.

The client of course considered 600*600 4lamp HF recessed luminaires, but the re-entrant nature of the ceiling plan means, these would have had to be installed at 2.4*1.8 mtr centres, in order to hit the correct lighting levels. Advanced Lighting showed that a simple high performance 16 cell 2*36w TC-L design set at 2.4 mtr * 2.4 mtr centres worked just as well and saved 20% of the luminaires, labour costs and operating costs. It was a 'no brainer' for the client and the lighting was specified.



Once the concept was accepted then variants for the lighting were developed using the same chassis and the same lamp combinations.

- Dimming versions for meeting rooms and senior managers.
- Prismatic versions for the mail / print /post and despatch areas.
- IP54 variants for the kitchens



In all cases the lighting out-comes were accurately modelled from first principles with the Relux™ lighting design software.

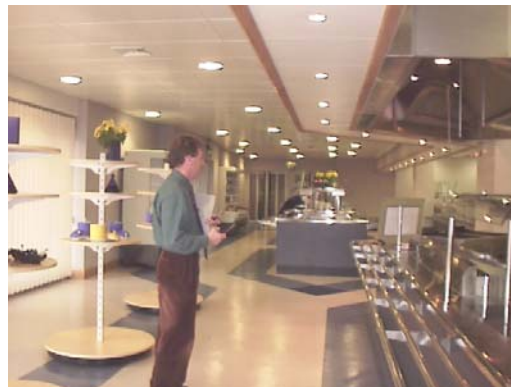
In all cases the lighting out-comes were accurately modelled from

“With the advent of LG 3 (2001) LG 7 and modern luminaires we should endeavour to use the latest Direct /Indirect luminaires,” says Martin Cook (Director) at Advanced Lighting, “or failing this use cost effective wall mounted uplighters along with the modular fittings to *relieve* the ceiling and wall planes.”

Even the company gymnasium was included in the lighting schemes and at minimal cost!

The contractor was able to integrate the luminaire directly into the novel ceiling system, by means of push out tabs. This ensured luminaires and their louvres were correctly set with regard to the ceiling and quickly installed.

Advanced lighting were then quickly involved



in a variety of other applications in the project including the staff dining room area



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Contrast these 1999 standards with the example below where great effort has been



made to light the upper-walls and ceiling planes

Advanced Lighting were able to work directly from emailed .dwg files to quickly create lighting schemes, then email these to site for comment, then installation.

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