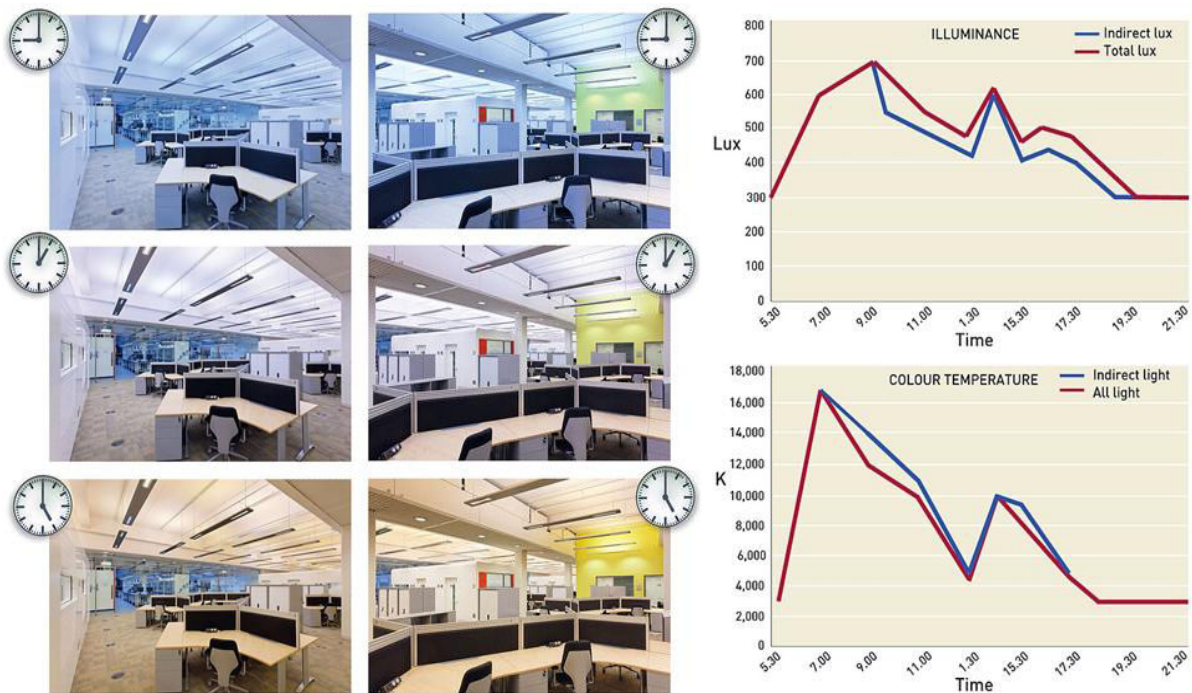


Dynamic Lighting

Scientific research has established a direct link between the colour temperature and level of light around us and our physiological behaviour.

This can lead to us feeling alert or drowsy depending on the time of day and light conditions.

By using a range of lamps with varying colour temperature along with a lighting control system, it was possible to create different light profiles to stimulate users with the desired physiological effect.



Key Benefits

- Cool light in the morning stimulates users
- Warm light provides a relaxed atmosphere pre-lunch break
- A cool burst provides an energy boost post lunch
- Lighting warms again towards the end of the day
- Lighting control system allows the colour temperature and lux levels to be set as and when desired.
- Allows natural lighting conditions to be mimicked indoors
- Useful in buildings with low levels of natural light
- Provides a pleasant working environment

Considerations

- Design and Installation costs are increased
- Lighting profiles can be subjective

This system was installed as a concept in a recent lab and office fit out. Tests and survey results will be reported back at a later date.

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