

Install lighting controls

DO YOU HAVE?

- Lights that operate irrespective of occupancy?
- Discrete areas that are lit but not always occupied?
- External lighting on all night?
- Lights on when daylight is sufficient?

The Opportunities

The site surveys show that a number of Church building areas are lit by inefficient lighting that operates irrespective of occupancy or level of natural lighting.

These lights should be zoned and controlled - the best practise way of controlling this type of lighting is via occupancy (lighting turns off when people are not present in the area), lux (lighting turns off when daylight levels are high enough) and time controls (lighting is switched on and off depending upon set time points).

Good Practice

If areas are unoccupied then all opportunities should be taken to switch off as many lights as possible.

All lamps should be controlled by occupancy, daylight and/or time controls where there is potential for lighting to remain on when an area is unoccupied or suitably lit from natural lighting.

Making it Happen – Lighting controls

- Assess number of lamps in the Church buildings that are on unnecessarily which would benefit from occupancy, lux and/or time controls.
- Obtain quotes to install controls.
- Apply for Carbon Trust 0% loan.
- Install suitable controls (replace luminaires and fittings if suitable and financially viable).



Barriers

Ensure occupancy controls are set to cover all of the identified area so that lighting does not switch off when an area is still occupied

Energy management in the building must include regular checks of the lighting controls to ensure that they are set and running correctly

Building occupiers may be tempted to override the lighting control

