

Control of External Area Floodlighting Local to Residencies

Project Description

The project was the electrical services installation to a large warehouse. The original building was an old mill surrounded by residencies. The mill was demolished and a new warehouse built in its place. A number of residencies still remain.

The warehouse has loading docks and goods are received and loaded from the warehouse via a receiving / loading apron by lorries. The residencies are local to the receiving / loading apron.

Area floodlights mounted on 6 metre columns and fixed to the fabric of the building illuminate the receiving apron during the hours of darkness.

In order to avoid nuisance light affecting the residencies in the early evening in the winter months the receiving / loading apron floodlighting is automatically controlled by a combination of a time switch and a photocell. The area floodlights that are mounted on the fabric of the building, and are aimed in the general direction of the residencies, are programmed to switch off and on at agreed predetermined times. The floodlights on the 6 metre columns that are aimed away from the residencies are controlled by the photocell and remain on in order to allow the effective use of the security cameras.

View of Receiving / Loading Apron (residencies are to the left of the picture)



This method of floodlighting control: -

- Reduces nuisance lighting to the residencies
- Maintains illumination for CCTV usage
- Reduces energy wastage
- Increases lamp life
- Reduces maintenance

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