



## ***Retrofit PIR to Existing Light Fittings***

Retrofit Passive Infra-red detectors have recently been installed onto existing light fittings in the stair wells of multi storey car parks of a large campus as an energy saving measure.



*Typical Retrofit PIR*



*PIR in Situ*

### **Benefits**

- Approximately 75% reduction in energy costs achieved compared to the lights remaining on 24/7.
- Less energised time for the lights leading to predicted reduced maintenance requirements.
- Short installation time. These fittings required a small wiring modification to connect in the PIR.
- PIR programmable via a handheld programmer (available to purchase).
- A passive photocell holds off the lights in bright ambient conditions.
- Regulating photocell ensures a minimum maintained light level, taking account of the contribution from adjacent luminaires and daylight.
- Off delay in minutes from 1 minute to 96 hours.

### **Contact**

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