

PIR OCCUPANCY SWITCHES APPLICATION DIAGRAM



Two ceiling flush mounted **CEFL PIR** controlling the lights in a meeting room. In this, and other offices, a manual wall switch is retained to override the lights to off, e.g. for a video presentation.



Small offices are covered by a single ceiling flush mounted **CEFL PIR**.



The wall switch has been replaced by a wall mounted **WAPIR**.



Two ceiling surface mounted **CESF PIR** (one on each landing) wired in parallel to control the lighting in the stairwell.



In the toilets a ceiling flush mounted **CEFL PIR** has been wired in parallel with a wall mounted **WACE PIR** in the lobby, to control the lighting in both rooms together.



In the shower room a **CEFL PIR SEALED** is used, as it has protection against light splashes and condensation.



Ceiling directional **CEDR 6P** covers the open staircase.



Long range directional **CEDR 6PLR** to detect people in the 25 metre corridor.



Long range directional **CEDR 6PLR** detects people in a racking storage aisle.

The diagram illustrates PIR occupancy switch siting within a typical office/factory facility. The coloured zones emanating from the controls show strong detection zones (darker tints with solid coloured line) and secondary detection zones (lighter tint with broken coloured line).



Ceiling flush mounted **CEFL PIR** spaced every 5 metres to cover the open plan office and control the lights. The **CEFL PIR** can be wired in groups in parallel, to control the lighting in zones.



Ceiling flush mounted **CEFL PIR** spaced every 5 metres to cover the open plan reception area and control the lights.



Ceiling plug-in **CELO** mounted on BESA box on ceiling conduit. Spaced at 5 metre intervals to control the lights in the machine shop.



Ceiling surface mounted **CESF PIR** spaced every 5 metres to give total coverage of the open plan factory area.