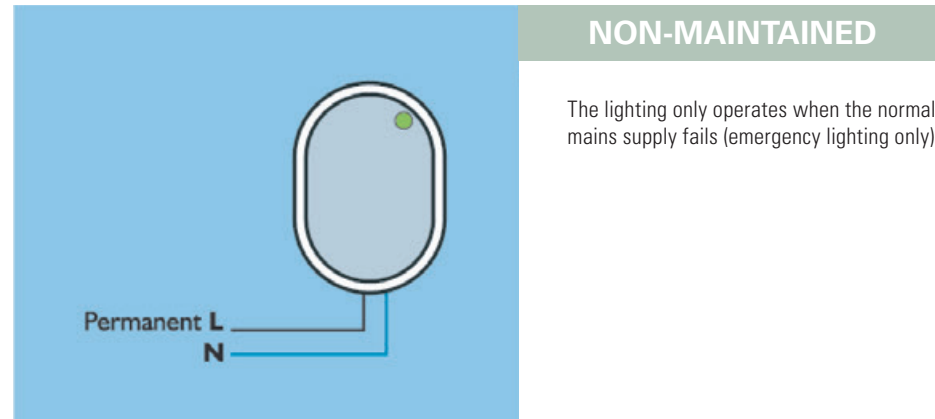


## EMERGENCY LIGHTING DESIGN GUIDE

### Lighting Requirements

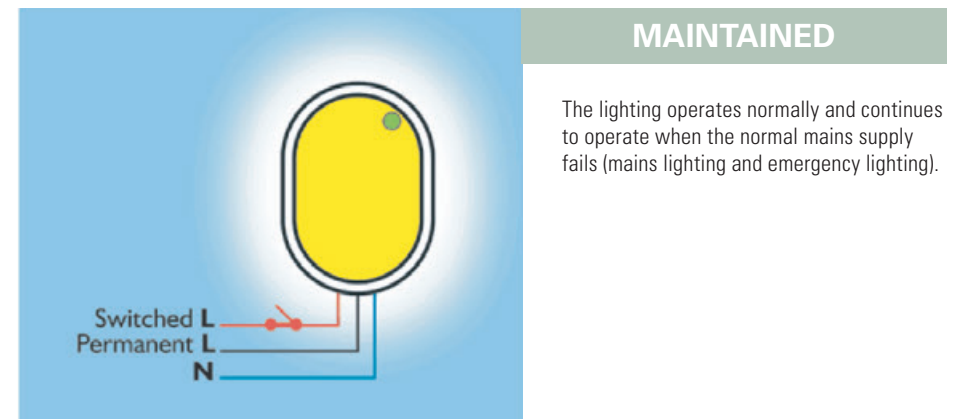
When luminaires have been sited to cover the locations below, additional luminaires may be required to ensure minimum lighting levels are achieved.



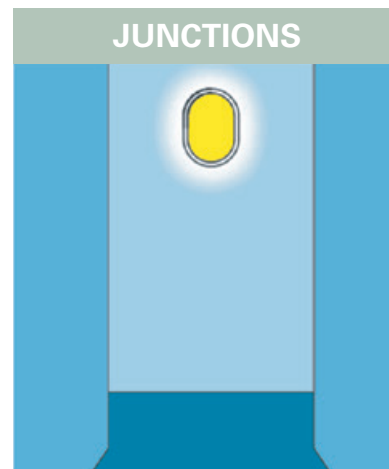
**Escape route corridors etc:** 1 lux minimum on the centre line of the escape route.

**Open areas:** 0.5 lux minimum in the central core to within 0.5m of the walls.

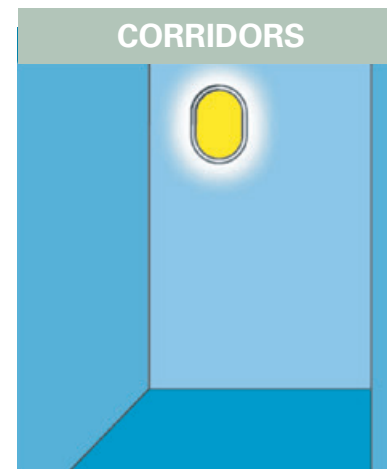
**Exit signs:** Signs should apply to the European Sign Directive and be either back illuminated or have an emergency luminaire within 2m of horizontal height. Signs should be of the same format throughout the building.



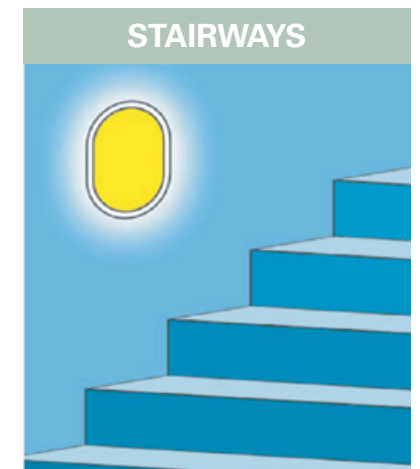
To provide illumination of escape routes.



Install within 2 metres of escape route junctions.



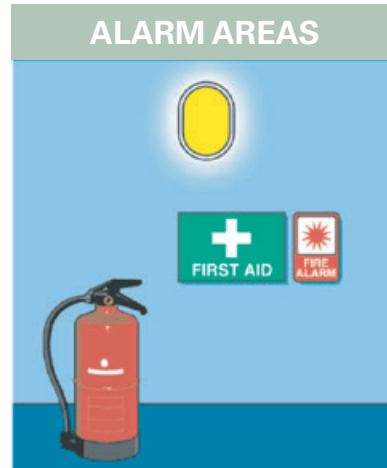
Install within 2 metres horizontal distance of a change of direction in an escape route.



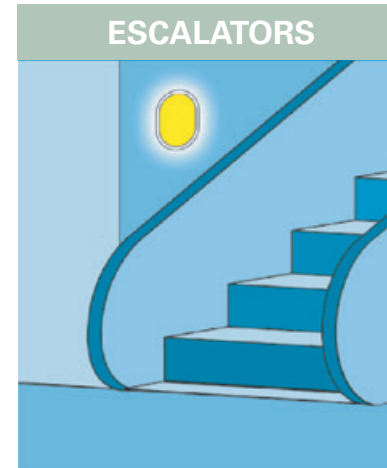
Install within 2 metres horizontal distance of change in floor/stairs level (each tread to receive direct light).



Install externally within 2 metres horizontal distance of any final exits. Please note that sufficient light will be needed to muster a roll call.



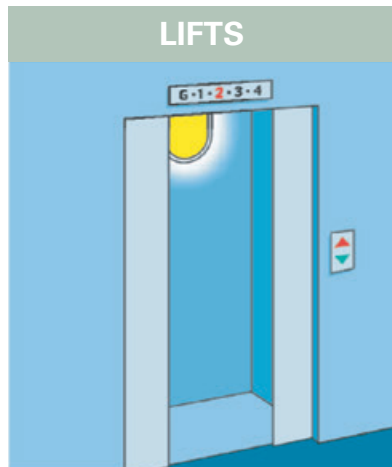
Fire alarms, first aid points and fire fighting equipment, install within 2 metres horizontal distance.



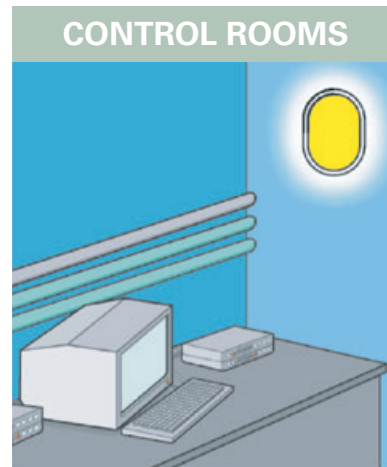
Should not be used as an escape route, but requires the same illumination to protect users on it when supply fails.



Install in all toilets exceeding 8m<sup>2</sup> area or where natural light is not present.



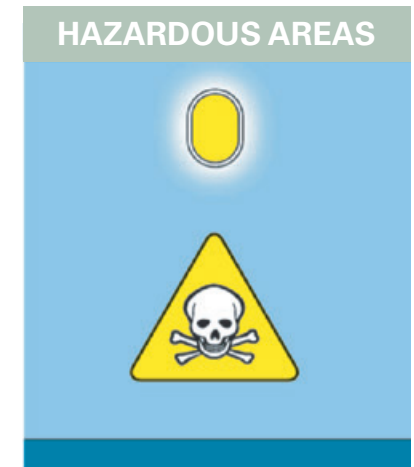
To provide emergency illuminations in all lifts.



Motor generator, control and plant rooms for essential and safety services.



Open rooms, either with a particular hazard, an escape route passing through, or larger than 60m<sup>2</sup>.



Areas of high risk should be illuminated to 10% of normal lighting or 15 lux, whichever is greater.