

### EMERGENCY LIGHTING - FACT SHEET

Emergency lighting is lighting for an emergency situation when the main power supply is cut and any normal illumination fails. The loss of mains electricity could be the result of a fire or a power cut and the normal lighting supplies fail. This may lead to sudden darkness and a possible danger to the occupants, either through physical danger or panic.

Emergency lighting is normally required to operate fully automatically and give illumination of a sufficiently high level to enable all occupants to evacuate the premises safely. Most new buildings now have emergency lighting installed during construction; the design and type of equipment being specified by the architect in accordance with current Building Regulations and any local authority requirements.

Emergency lighting is a general term and can be sub-divided into emergency escape lighting and standby lighting.

- **Emergency escape lighting** – that part of an emergency lighting system that provides illumination for the safety of people leaving a location or attempting to terminate a potentially dangerous process beforehand. It is part of the fire safety provision of a building and a requirement of The Regulatory Reform (Fire Safety) Order 2005.
- **Standby lighting**- that part of an emergency lighting system provided to enable normal activities to continue substantially unchanged. Standby lighting is not a legal requirement and is a facility that may or may not be needed, depending on the use and occupancy of the premises, etc.

Emergency escape lighting is itself sub-divided into three categories:

- **Escape route lighting** – the part provided to ensure that the means of escape can be effectively identified and safely used.
- **Open area lighting**– the part provided to minimise panic and ensure there is sufficient illumination to allow the occupants of a building to reach a place where an escape route can be identified.
- **High risk task area lighting** – the part which provides illumination for the safety of people involved in a potentially dangerous process or situation and to enable proper shut-down procedures for the safety of the operator and other occupants of the premises.