

emergency lighting

The current Fire Precautions Act and the Health and Safety at work act make it compulsory that an adequate means of escape in all places of work and public resort is provided; emergency lighting is a vital part of this requirement. Whitegoods can provide a full range of emergency conversions to help meet the current statutory requirements using a remote 3 hour emergency battery back-up system. Below we have identified the four main types which currently can be supplied:

Maintained – Emergency lighting where the lamps are in operation from the mains power supply during standard operation. In emergency mode one lamp remains illuminated by use of the remote emergency battery back-up pack. (Usually one lamp remains on in multi lamp luminaires)

Non-Maintained – Emergency lighting where the emergency lighting lamps come into operation only when the normal power supply fails, again utilising the remote battery back-up pack.

Sustained – The luminaire is fitted with 2 sets of lamps, one of which operates on mains voltage, while the secondary lamp operates from a remote battery backup system which illuminates in the event of mains failure.

Auxiliary Lamp – When metal halide luminaires are used for an emergency luminaire, due to the nature of the lamp a continuous illumination can not occur between the change from mains voltage to battery back-up. Due to this a secondary lamp (usually tungsten halogen) can be installed within the luminaire which, once the mains power is lost, the secondary lamp illuminates, powered by a non-maintained remote battery back-up pack.

All of our emergency units are supplied with an enclosed pre-wired remote emergency pack with charge LED indicator, which all conveniently fits through the luminaire body for ease of installation and maintenance.

If required we can also supply the latest DALI controlled emergency packs. Please contact us to discuss your specific requirements.

NB: Please note that emergency units should not be run for an extended period as this can cause lamp life to deteriorate. It should be emphasised that the above information is intended to provide guidance only; it is recommended that you contact the relevant bodies for additional information.