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Company release for the web site and media

Illuminex announces the launch of its market leading Xscape series intelligent emergency lighting system. The recent introduction of UK legislation, BS EN 5266 part 1, *Code of practice for the emergency lighting of premises* and related standards together with the increasing pressure on industry and commerce to reduce their energy consumption and their overall impact on the environment were the key drivers for the development,

Depending upon the classification of the system, BS 5266 requires a regime of daily inspection and monthly and annual testing of every single luminaire in the system, with accurate records being kept of each inspection and test. This can be both time consuming, disruptive to normal business activities and difficult to manage effectively. In addition to enabling the owners and occupiers of buildings to conform to the legislative requirements in a cost-effective way, the new Xscape family, which takes full advantage of the latest in solid state light source and battery technologies, gives users performance improvements, a significant reduction in the cost of ownership and a much reduced impact on the environment when measured against current technology.

The family consists of flush and surface mounting standard and mini downlighters for open areas and corridors, bulkhead fittings for internal and external use, surface and flush mounting exit signs, retrofitable inverter kits for existing fluorescent ceiling fittings, central monitoring panels, a PC based Graphic User Interface and walk-by hand-held test/data collection units. The standard downlighters are of plug-in modular construction, enabling a first-fix installation in new build.

All units are based around a high output solid-state light source that has a life expectancy of more than 60,000 hours – this is 5 times that of a fluorescent lamp. They use 98% less energy over their lifetime than current fluorescent tube technology, are supported by lithium ion backup batteries that contain no heavy metals and are managed by embedded intelligence. Every part of the system: the solid-state light source, the battery, battery charger, internal temperature and mains supply is continuously monitored. The monthly and annual BS 5266 test requirements are carried out automatically and the results stored in local memory for recovery at a convenient time, either by using the “Walk-by” data capture capability of the hand-held unit or, in centrally-controlled systems, where each luminaire has a unique address, the data is automatically transferred to the panel from where it can be recovered for long-term storage on any PC running the Illuminex software.