

Case Study Summary - Solution for External Emergency Lighting



- Delivered an external lighting solution that provides both normal illumination during hours of darkness and compliant emergency escape lighting in the event of a mains power failure.
- Installed Philips street lighting and bollards integrated with a TM-CBM central battery system, enabling daylight sensor override functionality and maintaining power to the lighting network during mains supply interruptions.
- Designed the system in accordance with the latest emergency lighting guidance in BS 5266-1:2025, recognising that escape routes extend beyond the building to designated muster and assembly points, requiring emergency illumination to the same standard as internal escape routes.
- Utilised the TM-CBM central battery system from TM Technologie to automate emergency lighting testing, monitoring, and reporting, with monthly test results securely stored and accessible remotely via a connected workstation.
- Provided significant operational and maintenance cost savings by eliminating manual testing and record-keeping, while improving compliance management and system reliability.