



FIREscapeNepto
Emergency Lighting System

Revolutionising Emergency Lighting for Modern Buildings

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THE SMART CHOICE FOR BUILDING SAFETY AND EFFICIENCY

In today's demanding built environment, building owners and facility managers need emergency lighting systems that deliver more than basic compliance. The FIREscape Nepto intelligent emergency lighting system from Hochiki represents a fundamental shift in how emergency lighting is designed, installed, and maintained—delivering substantial cost savings, enhanced safety assurance, and unprecedented operational efficiency.

REVOLUTIONARY SINGLE-CABLE TECHNOLOGY

The FIREscape Nepto system introduces a game-changing innovation that immediately distinguishes it from traditional emergency lighting installations. Unlike conventional systems that require separate cables for power and data transmission, Nepto operates on a single cable infrastructure. This breakthrough delivers multiple compelling advantages for building owners:

Dramatic Installation Cost Reduction – By eliminating the need for dual cabling runs, you can reduce cable costs by up to 50%. This single-cable approach also significantly reduces labour hours during installation, accelerating project timelines and reducing disruption to building operations.



Simplified Cable Management – The single-cable design integrates seamlessly into existing cable containment systems without requiring additional capacity or complex routing. This is particularly valuable in retrofit applications where cable pathway space is at a premium, and in new builds where streamlined infrastructure reduces overall construction complexity.

SIGNIFICANT INSTALLATION SAVINGS WITH SAFE LOW VOLTAGE

FIREscape Nepto operates at 40 volts from the control panel onwards — a safe low voltage that fundamentally changes the way installation and maintenance is delivered. This feature provides immediate and ongoing financial benefits to the building owner:

No Qualified Electrician Required – the majority of the installation and maintenance can be performed by competent installers rather than requiring qualified electricians for every task. This dramatically reduces labour costs and makes scheduling maintenance significantly more flexible and cost-effective.

Enhanced Workplace Safety – The low voltage operation minimises electrical risks during installation, maintenance, and any emergency situations, creating a safer environment for building staff and contractors alike.

Faster, More Flexible Deployment – Without the regulatory requirements associated with mains voltage installations, system changes and expansions can be implemented more rapidly, reducing downtime and operational disruption.



INTELLIGENT SYSTEM MANAGEMENT

The FIREscape Nepto system provides building owners and facility managers with unprecedented visibility and control over their emergency lighting infrastructure:

Centralised Monitoring and Control – Multiple Nepto control panels can be networked to protect large, multi-building sites from a single central point of control. This centralisation is invaluable for campus environments, business parks, or distributed facilities, allowing facility managers to oversee entire emergency lighting estates from one location. There's also the option for remote monitoring via the cloud to further simplify management and maintenance.

Proactive Maintenance Management – The intelligent system continuously monitors the status of every luminaire and exit sign, providing real-time alerts about any issues including internal battery and LED status before they become compliance problems. This proactive approach eliminates unpleasant surprises during regulatory inspections and ensures continuous readiness.

Automated Compliance Testing – Scheduled automated testing ensures your system remains compliant with all legislative requirements without requiring manual intervention. The system maintains comprehensive records of all tests, providing complete audit trails for regulatory authorities and insurance purposes.

Reduced Maintenance Costs – By identifying issues precisely and immediately, maintenance teams can address problems efficiently without time-consuming manual inspections. This targeted approach minimises labour costs and reduces the inventory of spare parts needed on-site.

COMPREHENSIVE PRODUCT RANGE FOR ANY APPLICATION

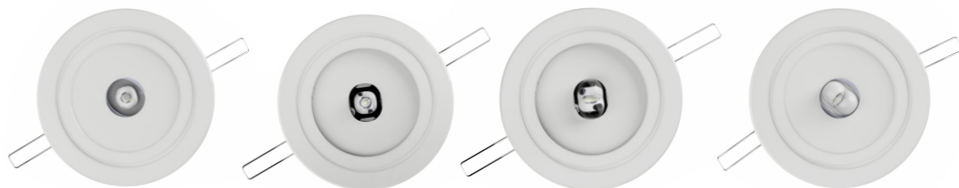
The flexibility of the FIREscape Nepto range means the system can be designed and configured for virtually any installation requirement, ensuring building owners receive a solution perfectly matched to their specific needs:

Diverse Luminaire Options – The extensive range includes standard luminaires, high-powered units for large spaces or high-ceiling environments, and recessed options for premium aesthetic requirements. This diversity ensures the system meets both functional requirements and architectural design standards.

Complete Exit Sign Suite – A full range of directional exit signs, all fully compliant with BS EN ISO 7010 standards, ensures clear emergency egress guidance regardless of building layout or complexity. These signs provide internationally recognised symbols that are immediately understood by occupants from any background.

Aesthetic Integration – The system has been designed with aesthetics firmly in mind, allowing installers to create emergency lighting schemes that complement rather than compromise the building's interior design. This is particularly valuable in premium commercial, hospitality, and retail environments where appearance matters.

Verified Photometric Performance – All photometric data for FIREscape Nepto units has been third-party approved and verified. This independent verification gives building owners complete confidence that their system meets all legislative requirements whilst eliminating any uncertainty during design and installation. Nepto also complies with all aspects of the British Standard for commercial emergency lighting systems, BS 5266 Part 1.



TOTAL PEACE OF MIND FOR BUILDING OWNERS

Beyond the tangible cost savings and operational benefits, the FIREscape Nepto system delivers something equally valuable—complete confidence in your building's emergency lighting provision:

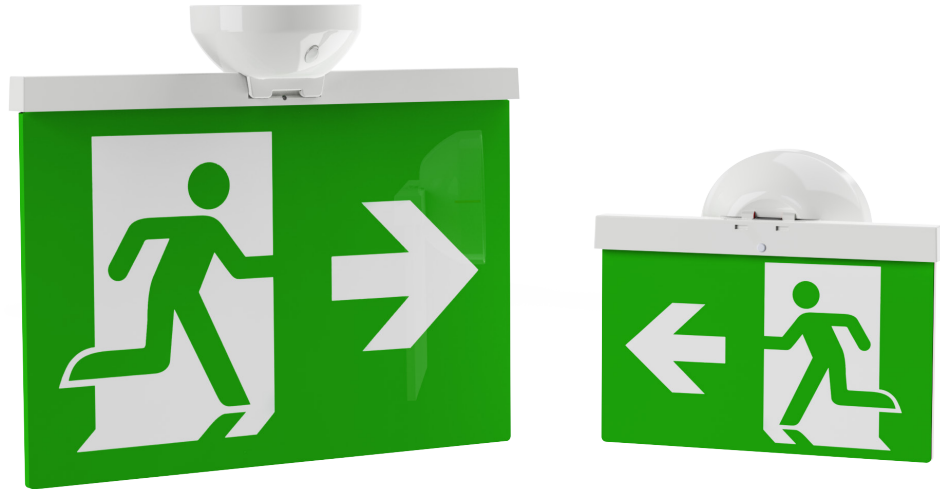
Legislative Compliance Assurance – With third-party verified performance data and automated compliance testing, building owners can be absolutely certain their emergency lighting system meets all current regulatory requirements.

Enhanced Building Value – A modern, intelligent emergency lighting system adds tangible value to your property, demonstrating to occupants, insurers, and potential buyers that the building features best-in-class life safety systems.

Simplified Facility Management – The intuitive system interface and centralised management capabilities make facility managers' lives considerably easier, allowing them to focus on broader building management priorities rather than wrestling with emergency lighting administration.

Scalable for Growth – Whether you're managing a single building today or planning a campus-wide expansion, the Nepto system scales seamlessly to match your requirements, protecting your investment for the long term.

FIREscape Nepto Exclusive to Hochiki Installation Partners – access to the FIREscape Nepto system is strictly controlled by Hochiki, ensuring only companies that have had their engineers trained by them can design, install and maintain the Nepto system. For building owners, this means just one point of contact across the whole lifespan of the system.



FIREscape Nepto

Intelligent Emergency Lighting for Modern Buildings

THE CLEAR CHOICE FOR FORWARD-THINKING BUILDING OWNERS

The FIREscape Nepto intelligent emergency lighting system represents a fundamental evolution in emergency lighting technology. By combining revolutionary single-cable architecture, safe low voltage operation, comprehensive intelligent monitoring, and exceptional design flexibility, Nepto delivers a compelling value proposition that extends far beyond initial purchase price.

For building owners and facility managers seeking to optimise operational costs, enhance safety assurance, and future-proof their emergency lighting infrastructure, FIREscape Nepto isn't just an improvement on traditional systems—it's a complete rethinking of what emergency lighting should deliver in modern buildings.

Discover how FIREscape Nepto can transform your emergency lighting provision while delivering substantial cost savings and operational benefits.

10 Year Cost Comparison

Based on the four critical components of the annual costs of an emergency lighting system:

- Power Consumption
- Statutory Annual and Monthly Inspections and Maintenance
- Luminaire/Battery Replacement (Materials)
- Luminaire/Battery Replacement (Labour)

and an existing system model comprising 100 conventional self-contained units of which 70 are non-maintained (on in emergency) escape route luminaires (70%) and 30 are maintained (always on) exit signs (30%) we have calculated the following:

Existing System will cost
£4,416 per year (£48,805 over 10 years)

FIREscape Nepto System will cost
£495 per year (£5,118 over 10 years)

Saving £3,921 per year (89%)
(£43,288 over 10 years)

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