HOCHIKI ®

World Class Leaders in Fire Detection Since 1918

F**I**REscape®

RANGE**OVERVIEW**

Low Voltage, Intelligent, LED Emergency Lighting System

Introducing FIREscape

Moving away from bulk heads and central battery systems, Hochiki offers a completely unique, cost effective and fully compliant emergency lighting system. FIREscape is based around an addressable, emergency lighting control panel with battery back-up and features addressable, self-contained LED luminaires and exit signage connected via screened, extra-low voltage (40V) cabling. Furthermore, FIREscape is a fully self-monitored and self-testing system with a central point of control; making installation and maintenance quick and easy.

Diverse Product Range

Central to the range is an addressable emergency lighting control panel, four LED emergency lighting luminaires and BS EN ISO 7010 compliant exit signs. The luminaire range includes two high powered variants for high risk task areas, and all photometric data as been third party approved. Exit signs are available with up, down, left or right legends and are available in 20m or 40m viewing distances. All devices provide the 3-hour battery back-up, as required by BS 5266. The range also includes a variety of accessories; recess adaptors, step lights, weather-proof enclosures, brackets, batteries, input/ output units, a common mounting base and much more. This enables the installer to design an aesthetically pleasing emergency lighting system which meets all legislative requirements.

Environmental Considerations - A Green Solution

The FIREscape solution considers the useful life of the entire emergency lighting system, from manufacture and installation, right through to recycling. Produced from fully recyclable materials, and incorporating LED technology that reduces CO_2e emissions, FIREscape reduces its impact on the environment to an absolute minimum.

Quality & Reliability

FIREscape is simple to install, requires little maintenance or manual testing, and uses less than 5% energy consumption compared with conventional lighting. Even at its peak lumen output, the LED draws only 80% of the recommended maximum energy level which minimises energy consumption and maximises LED lifespan. Self-contained backup batteries negate the need for expensive fire-rated cabling, and in turn reduce the associated installation costs.

Each luminaire can be programmed to operate at any one of seven levels of light output, making them even more energy efficient when used as security or night-time lighting. They will automatically default to maximum light output should a failure in the 230 V supply be detected.

Compliant with
BS EN
60598-2-22

Compliant with
BS 5266

Compliant with
BS EN
62034
TYPE PERC

KM 653255
BS EN60598-1:2015
BS EN 60598-2-22:2014
Emergency Luminaires

ICEL Hochiki Europe is a member of ICEL

Company Overview

Established in Japan in 1918, Hochiki is an independent, multi-national, publicly listed company with over 1700 employees across the globe. One of the world's leading manufacturers of commercial and industrial fire detection and emergency lighting solutions, Hochiki has acquired global acceptance as the benchmark for high-integrity and long-term reliability.

Hochiki's facilities in Japan, the United States of America and Europe design and manufacture products and provide technical support suited to local standards and customer requirements. Total commitment to meeting the needs of individual national markets has reinforced the company's global reputation, resulting in Hochiki products being installed in many prestigious sites and in over 80 countries worldwide.

STATS TAKEN FROM THE HOCHIKI CUSTOMER SERVICE SURVEY

91%

Respondents rated product quality as either 'very good' or 'excellent'

92%

Customers stated our market reputation is 'very good' or 'excellent'

88%

Customers are most likely to recommend our products

Key Features & Benefits

Self-Testing

FIREscape is a fully monitored, self-testing system with addressable devices. The EL-2 control panel continuously monitors the status of the luminaires and exit signs. If there is an uncharged battery or device fault, the system will quickly locate and identify the problem, therefore making maintenance quick and easy. Plus, completed test reports are stored in the memory of the panel and can be printed for end-user records, as required by EN 50172.

Extra Low Voltage Cabling

The panel is connected to the mains power to monitor for failure, however the cabling that runs between devices is extra low voltage (40V). This means that the majority of installation and maintenance does not have to be carried out by a qualified electrical engineer; drastically reducing labour costs.

Feature Rich

FIREscape is a feature rich system with adjustable lighting levels, an intuitive graphics package, bi-coloured status LEDs, day and night modes and the ability to program units as maintained or non-maintained. The wide variety of system features and product accessories, not only helps to make installation simple, but also enables the installer to provide a flexible and cost-effective solution tailored to the requirements of the building and building owner.

Cost Effective

FIREscape has been designed to reduce total cost of ownership. The extra low voltage cabling, central monitoring, simple installation and hassle-free maintenance, reduces labour costs. Plus, the LED luminaires save money on lamp replacement costs, battery replacement and energy efficiency. Over the total life of the system, a building owner can expect to save tens of thousands of pounds.

Networkable Panels

Each panel can have two lighting lines with 127 devices per line, and up to 49 FIREscape panels can be networked together via use of serial connectors. Alternatively, an infinite number of FIREscape panels can be networked together using LAN cards (dependant on the number of IP addresses available). Whether it is a small or large building structure, FIREscape can be scaled to suit your requirements.

Integration with BMS

When used in conjunction with third party software, FIREscape can be connected to a Building Management System. Having remote central control helps building management to; increase staff productivity, manage maintenance more efficiently, and effectively monitor energy consumption. Central control is particularly beneficial when working on a large or complex site.

Environmentally Friendly

FIREscape's standard LED luminaire's consume less than 0.5W when charging. Once the units are fully charged they only consume 0.1W. Even the high-power luminaire consumes less than 0.2 when fully charged. A similar 8W fluorescent light will typically consume 12W. Lower energy consumption directly correlates with lower CO_2e emissions; giving the building owner a greener and more cost-effective solution.

Fully Compliant

All luminaires are certified to BS EN 60598-2-22, BS EN 62034 TYPE PERC and are approved under BS KM 653255. All exit signs are BS EN ISO 7010 compliant, and the full system meets the requirements of BS EN 5266. All photometric data and energy efficiency calculations have been verified by third parties and can be found in our FIREscape catalogue. Third party approvals confirm that FIREscape is a high-quality system that will not fail in an emergency, giving building-owners total peace of mind.

EL-2 & EL35V
Panel & Power Supply

EL-DL2
Corridor Luminaire

EL-DL3
Open Area Luminaire

Training & Support

To increase client confidence and reduce the need for return site visits, full training and support is available from the team of experts at Hochiki Europe throughout all stages of the project, ensuring optimal results and the successful delivery of the FIREscape system.

NFW89/C
High Power Corridor Luminaire
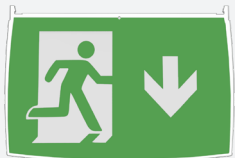
NFW89/O
High Power Open Area Luminaire

EL-KP
Lighting System Keypad

EL-20(WHT)
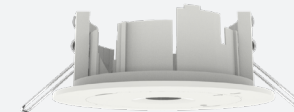20m Exit Sign Frame

EL-40(WHT)
40m Exit Sign Frame

ISO7010 LENS
Left, Right, Up or Down

EL-SL
Step Light

EL-REC (20 &40)
Recess Adaptor

NFW68/89-RA
Recess Adaptor

NFW68/89-IP64
Dome Enclosure

HOCHIKI EUROPE (UK) LIMITED
Grosvenor Road, Gillingham Business Park,
Gillingham, Kent, ME8 0SA, United Kingdom
Telephone: +44 (0)1634 260133
Facsimile: +44 (0)1634 260132
info@hochikieurope.com
www.hochikieurope.com/firescape

9-5-0-562/ISS7/OCT18

Quality Certificate No.164QMS
Assessed to ISO 9001

Environmental Certificate No.164EMS
Assessed to ISO 14001

LPCB

UKAS
MANAGEMENT
SYSTEMS
0007

INSTITUTE
OF EXPORT
& INTERNATIONAL TRADE
BUSINESS MEMBER 2018-2019
Business Member

FIA
Fire Industry Association

LFPO
ENITI AD DEFENDERE
Affiliate Member

CPD
MEMBER
Construction CPD
Certification
Service

ICEL

KM 653255
BS EN60598-1:2015
BS EN 60598-2-22:2014
Emergency Luminaires

Your Safety, Our Technology