

**PRODEX  
FIRESCAPE**

## Intelligent Route Guidance



## Prodex FIREscape, a safe, guiding solution that combines two systems

With Prodex FIREscape, two central security systems of a property, fire detection and emergency lighting, have been integrated into a single solution using a dedicated multi-function center. The basis for the implementation of the control center was ease of use: it was designed for the integration of the emergency light system and fire alarm system. In a crisis, the intelligent system directs the people in the property out of the building along the safest route using indicator lights equipped with changing symbols along the escape routes.

- **user-friendly multi-function center**
- **cost-effective all the way from planning to the end of its life-cycle**
- **energy-efficient system with low operating and maintenance costs**
- **innovative and intelligent system provides additional security using route lights with changing symbols**
- **light cabling**
- **allows the emergency lighting to be renewed in phases at sites being renovated**

### Active system

Prodex FIREscape brings a new dimension to building security. The active system monitors everything ranging from the contamination levels of the fire detectors to the condition of the batteries and LEDs in the emergency and route lights. Prodex FIREscape offers users information on the condition of the system in a completely different way than other systems allowing for more targeted service and maintenance activities when they are truly needed.

### New adaptive fire safety lighting system first in the world

The purpose of fire safety lights is to guide people out of a building as quickly as possible during emergencies. In evacuation situations, the primary objective is to prevent panic and ensure that people do not take the wrong route. The adaptive fire safety lighting system enhances the safety of individuals and properties.

Prodex FIREscape's adaptive fire safety lighting system responds to changing situations by using safety lights that guide individuals to the nearest exit and actively communicate the safest evacuation direction. Previously, using variable symbol signs based on fire alarm information has been successful in automatically directing people to the correct emergency exits. In the adaptive system, safety lights also guide individuals along a safe evacuation route using light movement and arrow patterns on step lights. Additionally, the directional guidance of signage and safety lights can adapt to changing situations, such as altering direction when a fire spreads. Adaptive evacuation reduces personal and smoke-related injuries and minimizes the risk of fire propagation.

### Route lights with changing symbols

The Prodex FIREscape fire emergency light system provides route guidance in an emergency, such as a fire alarm, provides fully powered emergency lighting and directs the people out of the building following the safest route. The route lights with changing symbols indicate a safe route with a normal symbol and a prohibited route with a red X over the symbol. In addition to facilitating a safe and quick evacuation, the system gives the rescue authorities a comprehensive status overview of the incident and helps improve the efficiency with the rescue operations.

### Versatility and volume

The innovative design and versatile software of the fire emergency lighting system allows the fire and emergency systems of a building to be implemented using a single integrated system. The next-generation fire emergency lighting system is suitable for all types of properties ranging from shopping centers to office buildings, industrial buildings and sites with EX rooms with high requirements. The benefits achieved with the Prodex FIREscape serve both the tenant and the authorities especially well in a crisis, due to their diverse range of functions.

### High-quality solutions

The equipment of the Prodex FIREscape system consists of a center designed by Hedengren Security that combines the best route and emergency lights and fire alarms available in the industry. Neptolux LED-based lights are used for emergency lighting. The fire detectors are high-quality smoke, heat and multi-criteria detectors manufactured by Hochiki.

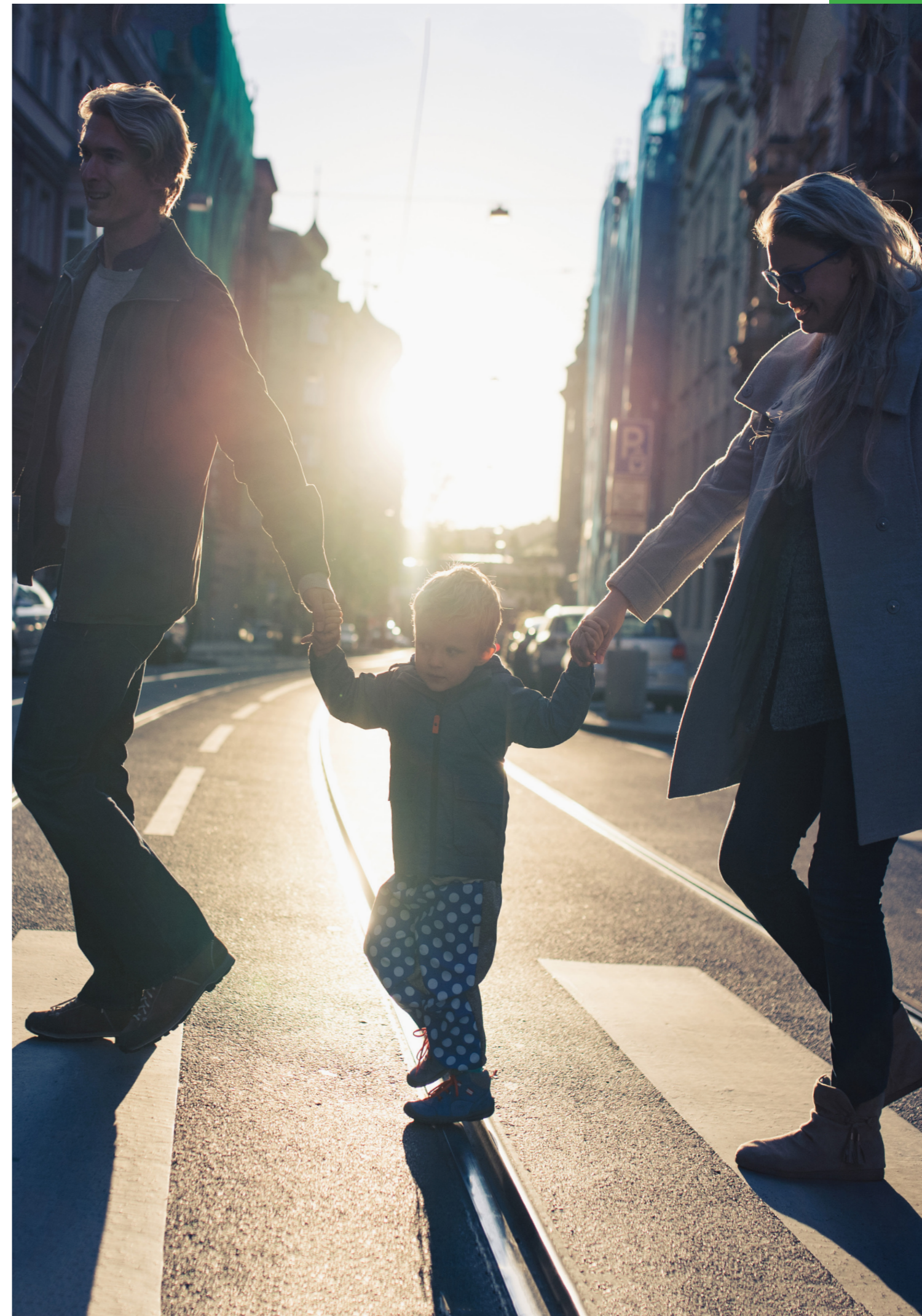
### Environmentally friendly

Fully recyclable materials are used in the LED-based fire emergency light systems that do not cause an unnecessary strain on the environment. The environmentally friendly values are especially evident with energy costs and CO2 emissions associated with using and maintaining the system. The annual CO2 emissions and power consumption of the Prodex FIREscape system is significantly lower than with emergency lighting systems based on fluorescent lights. The low power consumption of LED lights also results in lower CO2 emissions. During a power outage, the emergency lights are powered by long-lasting, environmentally friendly Li-Po batteries.

The addressable Neptolux safety and escape route lights achieve up to 90 % lower energy consumption than a traditional emergency lighting system equipped with central batteries.

### Cost-efficient

Prodex FIREscape offers significant cost savings already during planning and installation and throughout its life-cycle; maintenance, service operating costs when compared to traditional implementations. Significant cost savings are also achieved through the use of low-current wires, without forgetting low energy consumption.





**PRODEX**



The Prodex fire alarm system is an actively analyzing, modern and a state-of-the-art system in terms of technology. The flexible and versatile fire alarm system is suitable for both new construction and sites of any size being renovated. The Prodex fire alarm center designed and manufactured by Hedengren Security in Finland is user-intuitive and provides clear instructions to the user and complies with Standard EN 54-2.

The Prodex fire alarm system uses Hochiki high-quality and versatile detectors such as smoke, heat, multi-criteria and sampling detectors. Hochiki, with decades of experience, is a world-renowned and among the most recognized fire detector and alarm manufacturers.

#### User-friendly multi-function center

The Prodex FIREscape multi-function center's intelligent, energy-efficient and stylish design stood alone in its class even before the latest improvements. The basis for the implementation of the control center was ease of use: it was fully designed for the integration of the emergency light system and fire alarm system as the center for the fire emergency lighting system. The Prodex FIREscape multi-function center includes its own guiding menu structure for emergency lights and fire alarms. The user is therefore able to operate either the emergency light or fire detector mode with more ease.

#### Innovative with route guidance

In a crisis, the intelligent system directs the people in the property out of the building along the safest route using route lights equipped and an adaptive evacuation system.

#### Modular adaptability

The multi-function center is modular with one addressable line integrated in the standard configuration. The center can be expanded with addressable and/or conventional line cards and it also includes powered fire and fault outputs and a freely programmable control connection. The center has four timed lines, channel integration of and a battery capacity of up to 60 Ah. The channel allows several centers to be connected to one another. The Prodex FIREscape is excellently suited also for the phased renewal of existing fire detection systems.

#### One center, one wiring – two systems

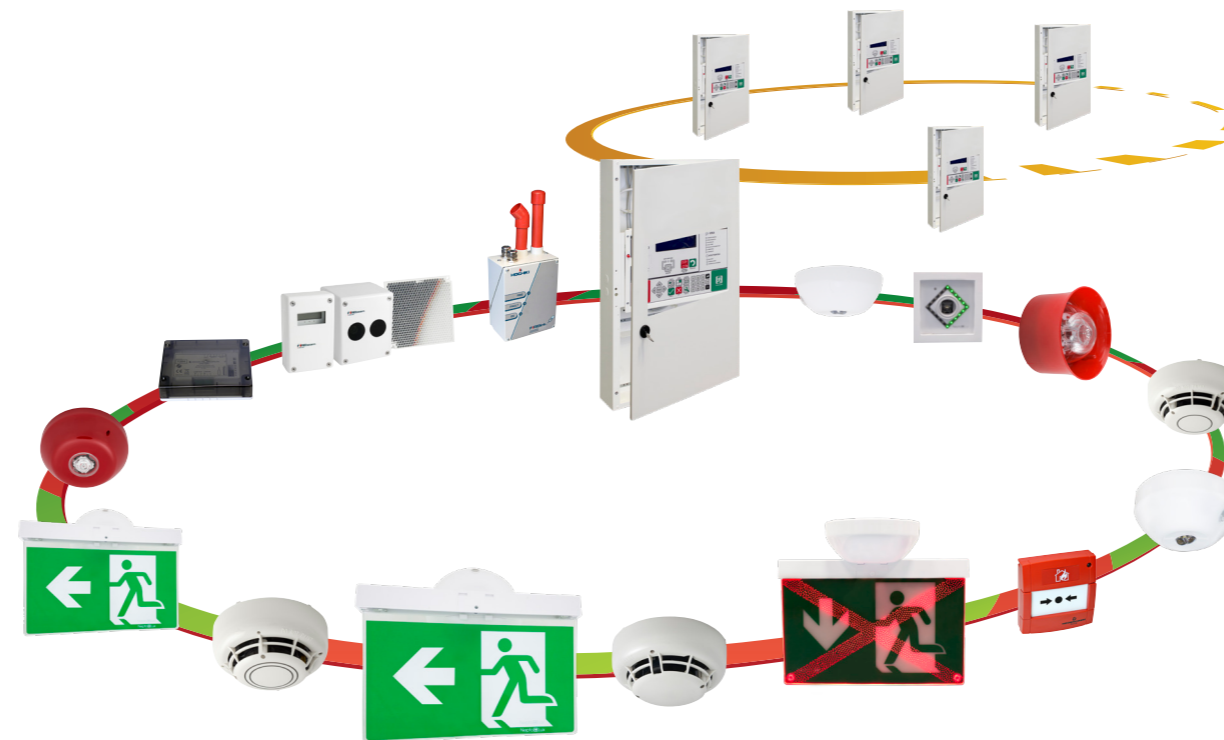
The two most central security systems of a building - the fire alarm and emergency lighting system - have been integrated together as a single solution. One center and wiring is used to manage two systems!

#### New keypad

The easy to use, new menu structure of the keypad either as a standalone keypad or connected to the center makes using the emergency lighting and fire alarm system easier in emergencies, during maintenance and for reporting. This significantly also increases the safety of the building.

#### European standards

The system's fire alarm center, fire detectors and emergency lights fulfill EN 54 requirements and the emergency lights fulfill all the EN standards set for them such as Standard EN50172 and EN 62034 ATS.



Nepto  Lux



The addressable Neptolux emergency lighting system consists of the central unit, a separate keypad, route and emergency lights equipped with backup power and low-current cabling. The cost-efficient, environmentally friendly and power-conserving system has replaced escape route solutions equipped with central batteries at both new construction and renovation sites.

The system is based on LED solutions that consider the useful life of the entire security lighting system, from installation to the recycling of the equipment and the end of the life-cycle. Neptolux lights can be equipped with either Li-Po batteries or capacitors.

#### The most energy-efficient LED lights on the market

The addressable Neptolux guide and escape route lights achieve up to 90 % lower energy consumption than a traditional emergency LED lighting system equipped with central batteries. The power consumption of the Neptolux guide light is only approximately 0.2 W even after power dissipation is factored in. Only a fraction of the full capacity of the LEDs are utilized, which allows power consumption to be minimized. The LED power of Neptolux guide lights is only approximately 10 % of the maximum allowed by the manufacturer. Guide lights have been mandated to operate continuously, so there are a total of approximately 8,760 operating hours annually.

#### Light cabling allows for effortless expandability and suitability for demanding sites

The lights in the Neptolux emergency light system are unit-specifically backed up with batteries, so fireproof wire systems are not necessary. The lightweight cabling allows the emergency lighting system to be easily modified and installed when the building is renovated, for example.

#### Quick and easy to design

The system does not require fireproof wire systems. It is easy to plan the cabling: the emergency lights and guide lights can be installed on the same line.

The wiring for the system be divided into control layers or areas, for example All Neptolux guide and emergency lights use the same base, with the exception of step lights.

#### Top-notch operational reliability

Automatic testing monitors the condition of the emergency lights and guide lights and provides an instant notification of a missing/disconnected light and creates an alarm in the building automation system or other designated system, for example. Information of the procedures is stored in the memory of the center and the malfunction/alarm information is displayed on the screen of the remote panel, in accordance with Standard EN 62034.

#### Long life-cycle

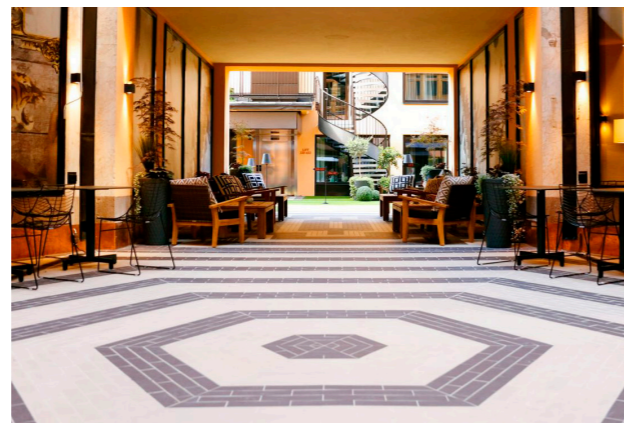
The life-cycle of the lights is very long and the useful life of the batteries is up to 10 years. The low LED current used by Neptolux route lights allow the useful life of the lights to match the renovation interval of the building. Automatic testing ensures that the system is always in full operational condition and the lights do not have to be inspected visually. The materials used in the products are also long-lasting.

#### Low operating costs

Nearly a thousand EUR can be saved in energy consumption annually at even a relatively small site, in addition to becoming more environmentally friendly. In addition to low power consumption, the basis for the design of Neptolux lights is maximizing the age of the LED light sources and the ease of completing replacements. Automatic testing keeps the emergency lighting testing costs low and ensures the system's functionality

## SOME OF OUR REFERENCE SITES

- Hotel Iso-Syöte, Pudasjärvi
- Education center Akvarelli, Forssa
- Hotel Tori, Helsinki
- Hotel Grand Central, Helsinki
- Wood City, Helsinki
- Helsinki Outlet
- Logomo venue center, Turku
- SnowCastle Resort, Kemi
- National library, Helsinki
- Shopping center AINOA, Espoo
- Solo Sokos Hotel Tori, Tampere
- Sokos Hotel Paviljonki, Jyväskylä
- Alma Media Corporation Head Office, Helsinki
- Entertainment center Flamingo, Vantaa
- Classical highschool, Tampere
- Åhlens City, Stockholm
- Dublin airport, Ireland



## Innovative fire emergency system

Unique directing fire emergency lighting system

In addition to being an integrated fire alarm and emergency lighting system, the Prodex FIREscape is also a lot more. The route and emergency light devices are combined into a single intelligent solution.

Including, among other things, adaptive evacuation enables the safest possible exit route with dynamic control of lights and changing symbolic signage. It guides the evacuation in response to changing circumstances.

## CENTRAL DEVICES

### User-friendly multi-function center

The Prodex FIREscape multi-function center's intelligent, energy-efficient and stylish design stood alone in its class even before the latest improvements. The basis for the implementation of the control center was ease of use: it was fully designed for the integration of the emergency light system and fire alarm system as the center for the fire emergency lighting system. The Prodex FIREscape multi-function center includes its own guiding menu structure for emergency lights and fire alarms. The user is therefore able to operate either the emergency light or fire alarm mode with more ease.



- one loop card integrated to motherboard
- a second loop card can be connected to the motherboard
- programmable groups and zones
- capable of maintaining 60Ah batteries
- separate timed outputs
- monitored voltage outputs
- dimensions 680x420x85

#### Expansion and other accessories

 FS-HOAN Addressable FIREscape loop card	 PRODEX-HOCO 3.03 Conventional line card, 8-LOOP.	 FS-LOOP-CARD-ADAPTER Expansion card	 HEDRING.NET Additional card for networkable centers
 FS-UP FIREscape Keypad/FIN	 FS-UP-BOX-S FIREscape keypad in case	 FS-BATTERY-BOX Additional battery box	 Prodex-KLG Addressable alarm display
 PRODEX-PVE Monitoring device for Fire/Fault/Advance	 PRODEX-EIA Smoke detector deactivation timer	 SIGMA-K11040M2 and SIGMA-K11080M2 Fire center, 4 and 8 lines conventional	 Graphics software - Hedcloud - Hedengren Service Platform Ask for more details

## ADDRESSABLE FIRE ALARM DEVICES

### Optical smoke detectors, heat detectors and multi-criteria detectors

It is important to specify the optimal detection method for the site. The intended use of the area should already be considered during designing and the fire risks and potential disruptions of the area should be identified so that the correct detection method can be specified for the site. The selection of addressable devices is comprehensive allowing the most appropriate detection method for the site to be identified with ease. The smoke detectors and multi-criteria detectors have reliable Hochiki high-performance optical smoke chambers. The visibility of the dual LEDs on the detectors allow a visibility of 360 degrees. The detectors can be locked onto their bases. The addressable some detectors fulfill Standard EN54.



ALN-E Optical smoke detector



ATJ-E DM/M Heat detector



ACC-E Multi-criteria detector

#### Other addressable detectors, devices and supplies.

 YBN-R/3/WHT Addressable detector base IP20, white	 YBN-R/SCI/WHT Electric fault isolator base	 ACB-EW Heat detector (DM/M) for wet rooms	 PRODEX-RM3 Parallel indicator light (round)
 YBO-BS/WHT Base buzzer, white	 YBO-BSB/WHT Base buzzer with flasher/white	 MBB-2 Mounting box	 N-IP GASKET Extra gasket
 FIRELINK-25, 100, 400 Sampling detectors 1/2/4 pipe	 Firebeam Xtra 70-160 m	 HCP-E/SCI Addressable fire alarm button with symbol	 HCP-W Addressable fire alarm button IP67 with symbol
 CHQ-AB Addressable flasher	 CHQ-WS2 Addressable siren for large loop	 CHQ-WSB2/WL Addressable siren/flasher	 CHQ-CB/RL Addressable siren/flasher

## ADDRESSABLE FIRE ALARM DEVICES

Optical smoke detectors, heat detectors and multi-criteria detectors

### Other addressable detectors, devices and supplies.

			
CHQ-DIM2/SCI Addr.module, 2 inputs	ADDR.MOD.3CTRL.RELAY Electric fault isolator	CHQ-DSC2/SCI Ctrl.unit.for addl.time.groups	CHQ-MRC2/SCI Relayctrl.unit.230VAC
			
CHQ-SZM2/SCI Minicent.faultisolators.conv.	CHQ-DZM/SCI Address unit	FS-PM/1 Ctrl.unit.for.phasectrlrelay FIREscape	RSM-WTM Translator module
			
RSM-EXP Wireless expansion unit	RSM-CP Wireless fire alarm button	ROP-E Wireless detectors	HFW-BSB-05 Wireless base buzzer flasher

## CONVENTIONAL FIRE DETECTOR DEVICES

Optical detectors, DM detectors and heat detectors

A conventional fire alarm system triggers a fire alarm with an accuracy of a fire group. The system is well-suited for sites where addressable units do not provide significant additional value. A conventional system is also often used in a manner where the system is not linked to an emergency response center. The intended use of the area should already be considered during designing and the fire risks and potential disruptions of the area should be identified so that the correct detection method can be specified for the site.



SOC-E3N/WHT  
Conventional optical smoke detector





















DCD-AE/3 and DCD-CE3  
Conventional DM-detector



DFJ-AE/3 and DFJ-CE3 Heat detector

### Other conventional detectors, devices and supplies.

			
YBN-R/6/WHT Detector base	DFG-60BLKJ Temperature detector for outdoor areas	6298-HUUVAJLM-120 Hood detector 120C	HDC-68 Heat detection cable
			
DFG/2/W BOX for DFG-60BLKJ detector	DRD-E Flame detector	Hochiki SharpEye Flame detector	1240020-00 Fire alarm button N/O activated
			
1240030-00 Fire alarm button IP67	CCP-E Fire alarm button recessed	CCP-G Trigger button	MBA/6xBBX Fire alarm bell+box IP54
			
MBF-6EV/24 Indoor fire alarm bell IP20	ROLP/LX/EN54-23 Siren with flasher	FLASHNI-24V Siren with flasher	812005FULL-0107X Flasher
			
ROLP/R/D Fire siren	ROLP/R/S Fire siren		

## ATEX (EX) ROOM DEVICES

### Heat and smoke detectors for rooms with explosion hazard

ATEX classified products must be used in rooms classified as containing an explosion hazard. These include rooms, for example, that are used for storing or manufacturing flammable products. Even a small spark may result in a fire or explosion hazard in such areas. Ex-devices fulfill the safety requirements (class II 1 G E Ex and II C T5 when Tamb=55°C) specified in the ATEX-directive (94/9/EC).




SLR-E-IS Optical smoke detector for EX room



DCD-1E-IS Heat detector (DM) for EX room

#### Other ATEX detectors, devices and supplies.

 <p>CCP-E-IS Fire alarm button for EX room</p>	 <p>CHQ-DZM-IS/SCI Det.center for ATEX/ EX room</p>	 <p>KFDO-CS-EX1.51P/PN Isolator for EX room (1 line)</p>	 <p>KFDO-CS-EX2.51P Isolator for EX room (2 lines)</p>
 <p>YBN-R/4IS Detector base for EX room detector</p>	 <p>IS-MA1-R EX room siren</p>		

## GUIDE LIGHTS N20 AND N40

### Addressable LED guide lights for 20 m and 40 m viewing distances

The energy consumption of Neptolux guide lights is up to 90 % lower (N20: 0.24 W and N40: 0.77 W) when compared to other similar guide lights, cf. p. 4. Only a fraction of the full capacity of the LEDs is utilised, which allows power consumption to be minimised and the service life of the LEDs to be maximised. Therefore, Neptolux lights also do not suffer from significant dimming over the years, even though the brightness levels can be increased if so desired. The brightness of the lights can be programmed based on different conditions.

The guide lights have unit-specific battery back-ups, which means that they do not need a fireproof wiring system. Neptolux lights are excellent for sites where the cabling must be minimal and discreet, such as architecturally demanding sites (museums, exhibitions and other valuable sites).

- material plastic
- fire class UL94 V-O
- models 20 m and 40 m: D1 (down), L1 (left), R1 (right)
- operation time 1 h/3 h
- casing class IP20
- IP55 sealing kit available as accessory
- model 20 m: total depth wall mounting 71 mm; total height ceiling mounting 171.5 mm (+ 10 mm base YBN-R/3/WHT)
- model 40 m: total depth wall mounting 69.3 mm; total height ceiling mounting 268 mm (+ 10 mm base YBN-R/3/WHT)
- sign dimensions 20 m: 195 x 132 mm and 40 m: 322 x 229 mm
- frame white
- also available in black (check availability)
- temperature range: -20 - +40 °C



#### Accessories/spare parts

 <p>Guide frame 20 m (incl. battery) N20/N</p>	 <p>Guide frame 40 m (incl. battery) N40/N</p>	 <p>Guide plastic 20 m N20GR-D1 N20GR-R1 N20GR-L1</p>	 <p>Guide plastic 40 m N40GR-D1 N40GR-R1 N40GR-L1</p>
 <p>Addressable detector base YBN-R/3/WHT</p>	 <p>Detector base elevator YBD-RA/WHT</p>	 <p>Concealment label N-20BO N-40BO</p>	 <p>Ball protector 20 m / 40 m N20BP N40BP</p>
 <p>Flag bracket NL-LK2</p>	 <p>Ceiling/wall bracket 0.50 m NL-RK-500</p>	 <p>N-40BO</p>	 <p>IP55 gasket N-IP-GASKET</p>
 <p>IP box N20-IP67</p>	 <p>IP box N40-IP67</p>	 <p>Recessed mounting kit for N20 and N40 exit sign luminaires</p>	

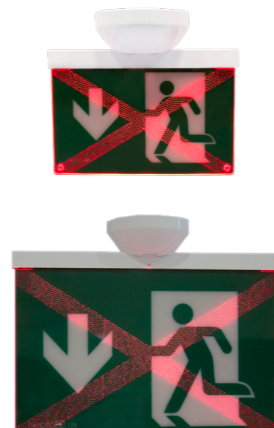
## ROUTE LIGHT WITH A CHANGING SYMBOL

### Enables a swift evacuation

The route lights with changing symbols indicate the safest escape route with normal green symbols and the less safe routes with red X symbols. The aforementioned advance the evacuation flow and increase safety as they direct people out of the building along the safest routes.

Directing to and using the safest escape route reduces smoke damage and injuries and prevents a potential fire from spreading. Avoiding a door along on unsafe escape route from being opened prevents harmful smoke from spreading from one fire compartment to another. Escaping through a smoke-filled area, such as a stairwell, should be avoided, because smoke gases are life-threatening and quickly render a person unconscious (Ministry of Interior / Rescue Services 2018).

- Considers the critical locations for evacuation
- Increases evacuation efficiency
- Reduces the amount of smoke damage
- Minimizes the risk of injuries during a fire
- Compatible with the Prodex FIREscape system
- Available for 20 m and 40 m viewing distances



## STEP LIGHT N55

Step light N55 is equipped with one high-power LED providing general lighting and green LED arrow lights to indicate exit direction. The light source of the step light is located low, so they can be used to effectively light floors and steps. In an evacuation situation, the arrows and light movement of the lights direct towards the safest exit route.

Only a fraction of the full capacity of the LEDs is utilized, which allows power consumption to be minimized and the service life of the LEDs to be maximized.

Therefore, the lights also do not suffer from significant dimming over the years, even though the brightness levels can be adjusted, if so desired. The brightness of the lights can be programmed based on different conditions and the lights can also be used as route or night lighting, for example.

Light available in three different lens models, either Elko, Schneider or Impressivo. The frame is not included in the delivery.

- IP 20
- fire class UL94 V-O
- operation time 1 h/ 3 h version a separate product
- dimensions Ø 85 x 85 x 10 mm
- material PC+ABS, fire-treated
- RAL 9003 white



### Accessories/spare parts



Programming cable for N-series lights  
N-PROG

## EMERGENCY LIGHT N68

### Addressable LED emergency light - mounting height 2.5-7,5 m

The N68 is an addressable emergency light equipped with one power LED and intended for a mounting height of 2.5-7.5 m. The energy-efficient emergency light is available as N68-O with a round light beam for open spaces and the N68-C with a rectangular beam for hallways. Only a fraction of the full capacity of the LEDs is utilised, which allows power consumption to be minimised and the service life of the LEDs to be maximised. The brightness of the lights can be programmed based on different conditions and the lights can also be used as route or night lighting, for example.





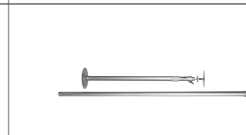

The emergency lights have unit-specific battery back-ups, which means that they do not need a fireproof wiring system. Neptolux lights are excellent for sites where the cabling must be minimal and discreet, such as architecturally demanding sites (museums, exhibitions and other valuable sites).

**N68-O** for open space, round light beam

**N68-C** hallway model, rectangular light beam

- IP41 (with gasket IP55)
- fire class UL94 V-O
- operation time 1 h/3 h
- dimensions Ø 99.7 x 48 mm (+ 10 mm base YBN-R/3/WHT)
- material: AL+PC+ABS, fire-treated
- RAL 9003 white
- also available in black (check availability)
- temperature range: -20 - +40 °C

### Accessories/spare parts

			
Emergency light, general N68-O	Emergency light, hallways N68-C	Emergency light, 3 h N68-O	Emergency light, hallways, 3h N68-C
			
Addressable detector base YBN-R/3/WHT	Detector base elevator YBD-RA/WHT	Ceiling/wall bracket 0.50 m NL-RK-500	Ceiling/wall bracket 1.5 m NL-RK-1500
			
Flag bracket NL-LK2	Ball protector for N68 and N89 N68BP	Weather protection case N68-IP67	IP55 gasket N-IP-GASKET

## FLUSH-MOUNT EMERGENCY LIGHT N68R

Addressable LED emergency light - mounting height 2.5-7,5 m

The N68R-O/C is a flush-mount, addressable emergency light equipped with one power LED and intended for a mounting height of 2.5-7.5 m. The energy-efficient emergency light is available as N68R-O with a round light beam for open spaces and the N68R-C with a rectangular beam for hallways. Only a fraction of the full capacity of the LEDs is utilized, which allows power consumption to be minimized and the service life of the LEDs to be maximized.

The brightness of the lights can be programmed based on different conditions and the lights can also be used as route or night lighting, for example. The emergency lights have unit-specific battery back-ups, which means that they do not need a fireproof wiring system. Neptolux lights are also suitable for architecturally demanding sites, where the emergency lights and their cabling must be discreet and the cabling has to be light.

**N68R-O** for open space, round light beam

**N68R-C** hallway model, rectangular light beam

- IP 20
- fire class UL94 V-O
- operation time 1 h/ 3 h version a separate product
- dimensions Ø 90 x 43 mm
- material PC+ABS, fire-treated
- RAL 9003 white



### Accessories/spare parts



Programming cable for N-series lights  
N-PROG

## EMERGENCY LIGHT N89

Addressable LED emergency light - mounting height 6-15 m

The N89 is an addressable emergency light equipped with one power LED and intended for a mounting height of 6-15 m. The energy-efficient emergency light is available as N89-O with a round light beam for open spaces and the N89-C with a rectangular beam for hallways. Only a fraction of the full capacity of the LEDs is utilized, which allows power consumption to be minimized and the service life of the LEDs to be maximized. Therefore, Neptolux lights also do not suffer from significant dimming over the years, even though the brightness levels can be increased if so desired. The brightness of the lights can be programmed based on different conditions and the lights can also be used as route or night lighting, for example.

The emergency lights have unit-specific battery back-ups, which means that they do not need a fireproof wiring system. Neptolux lights are excellent for sites where the cabling must be minimal and discreet, such as architecturally demanding sites (museums, exhibitions and other valuable sites).

**N89-O** for open space, round light beam

**N89-C** hallway model, rectangular light beam

- IP55 (with N-IP-GASKET)
- fire class UL94 V-O
- operation time 1 h/3 h
- dimensions Ø 99.4 x 53 mm (+ 10 mm base YBN-R/3/WHT)
- material: Al
- RAL 9003 white



### Accessories/spare parts

 Emergency light, general N89-O	 Emergency light, hallways N89-C	 Addressable detector base YBN-R/3/WHT	 Detector base elevator YBD-RA/WHT
 2900 mAh LI-ION/2900	 Ball protector for N68 and N89 N68BP	 IP55 gasket N-IP-GASKET	 Flag bracket NL-LK2
 Ceiling/wall bracket 0.50 m NL-RK-500	 Ceiling/wall bracket 1.5 m NL-RK-1500	 IP67 box NF89-IP67	



**TAMPERE**  
Hedengren Security

**HELSINKI**  
Hedengren

**TALLINNA**  
A/S Hedengren Eesti

**ÅLESUND**  
Hedengren Security AS

**BERGEN**  
Hedengren Security AS

**LIER**  
Hedengren Security AS

**FREDRIKSTAD**  
Hedengren Security AS

**TUKHOLMA**  
Hedengren Sverige Ab

**GÖTEBORG**  
Hedengren Sverige Ab

**GILLINGHAM**  
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