

# **VEKO EMERGENCY LIGHTING**

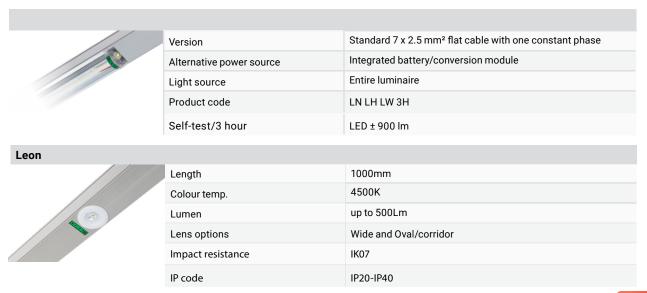


If your lighting fails because of a power outage or calamity, safety is paramount. Veko emergency lighting provides a building with reliable and durable emergency lighting which comes as soon as it is needed. Employees will be able to orientate themselves in their environment and leave the building safely. Veko offers two types of emergency and escape route lighting: decentralized and centralized emergency lighting.

# **Decentralized emergency lighting**

Are you going for decentralized emergency lighting? Then you are opting for a very cost-effective yet safe solution. The luminaire remains illuminated even in the event of a power failure. This is thanks to the integrated battery and conversion module integrated into the luminaire. The luminaire remains illuminated with a lower lumen flow and has a very high lumen output, which means fewer luminaires are needed for emergency lighting. That significantly reduces the cost of maintenance and replacement of batteries.

# **Technical information**



Technical data subject to change.

CLEVER SWIFT SOLID

A Fagerhult Group Company veko.com



# **VEKO EMERGENCY LIGHTING**

# Centralized emergency lighting

The Veko profile is particularly suited for integrating centralized emergency lighting. Our quality profile offers space for extra flat cables. And our standard flat cable can be connected to two circuits. Therefore there is no loose cabling and no separate assembly of emergency lighting units is needed. Veko will supply the centralized emergency lighting as one complete unit with separate, low wattage luminaires. In the event of a calamity, the centralized unit will switch on the connected luminaires through a centralized, alternative power supply.

#### Maintenance

The highest costs of emergency lighting are tied to regular maintenance, because the batteries need to be replaced every four years. Replacing batteries can be labour intensive if the batteries are located in the light line just below the roof. Moreover, the temperature fluctuations below the roof result in a shorter battery life. A centralized battery station means that the battery is located on the ground floor within easy reach and in a controlled environment. As a result, these batteries have an average lifespan of nine years.

A station works both offline and online. The emergency fixtures are tested automatically. For online stations, faults are also reported automatically. Facility managers will receive an email stating the exact location of a defective safety fixture, which means maintenance will only take place when required. Imagine how much time, money and effort this will save you.



The Veko centralized emergency solution consists of three components:

#### 1. Safety fixture

These are 30 cm linear fixtures with the same shape and lens as the other fixtures in the profile. With a fixed lumen output and designed to provide one lux on the floor.

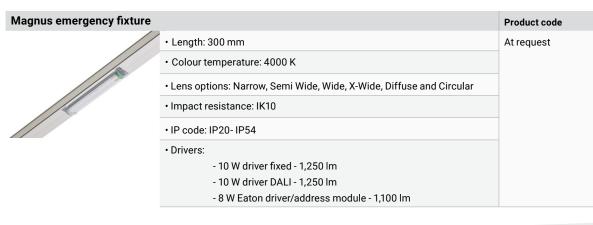
#### 2. Driver

The driver sets whether a fixture is fixed, DALI or smart. The lower lumen output means that the safety fixture drivers have lower inrush current. As a result, it is a more energy-efficient solution than using full-length fixtures connected to a (de) centralized battery.

## 3. Battery

This battery provides power to the fixture if central power fails. In a central emergency solution, the battery is not located in the profile behind the fixtures - as would be the case for a decentralized solution. Instead it is located in an station placed at floor level. The lower inrush current means the battery is considerably smaller than other solutions available on the market.

### **Technical information**



Technical data subject to change

CLEVER SWIFT SOLID

A Fagerhult Group Company veko.com



# **VEKO EMERGENCY LIGHTING**

Duncan emergency fixture		Product code
	• Length: 300 mm	At request
	Colour temperature: 840 K	
	• Lens options: Narrow, Wide, Lambertian and Diffuse	
	• Impact resistance: IK04 (IP40: Diffuse)	
	IK07 (IP40, IP54 and IP65: Narrow, Wide and Lambertian)	
	• IP code: IP20 - IP65	
	• Drivers:	
	- 10 W driver fixed - 1,300 lm	
	- 10 W driver DALI - 1,300 lm	
	- 8 W Eaton driver/address module - 1,150 lm	

• Measurements: 720x260x260 mm

## **Veko Central Emergency Power Supply**

Product code

CEPS-872-450-W



Power: 450 W
Addressed system with individual fixture monitoring via SD card
STAR technology: permanent, non-permanent and linked on the same circuit
Complete 'one box solution'
Includes a set of 6 batteries
Includes battery cable set (long and short)
Unique CEAG charging technology for optimum battery treatment
Suitable for max. 45 fixtures in 4 groups of max. 20 fixtures per group
Additional option: web module sends email in case of an identified fault
Excludes net watcherr

Technical data subject to change.

