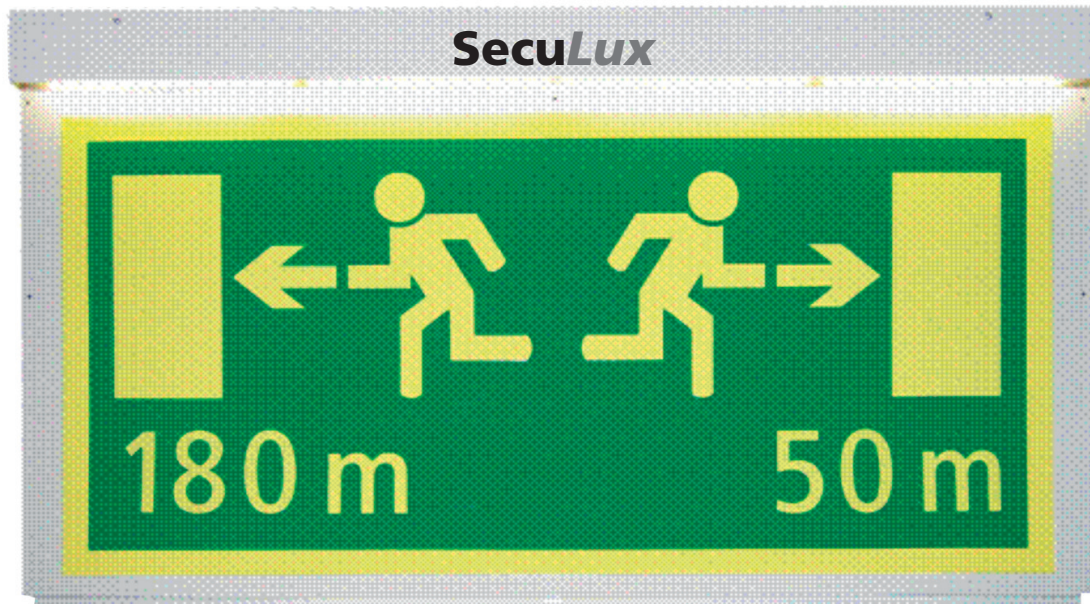


# SecuLux

## Integrated Safety



**SecuLux** Tunnel-Signallation-Systems combine the following advantages:

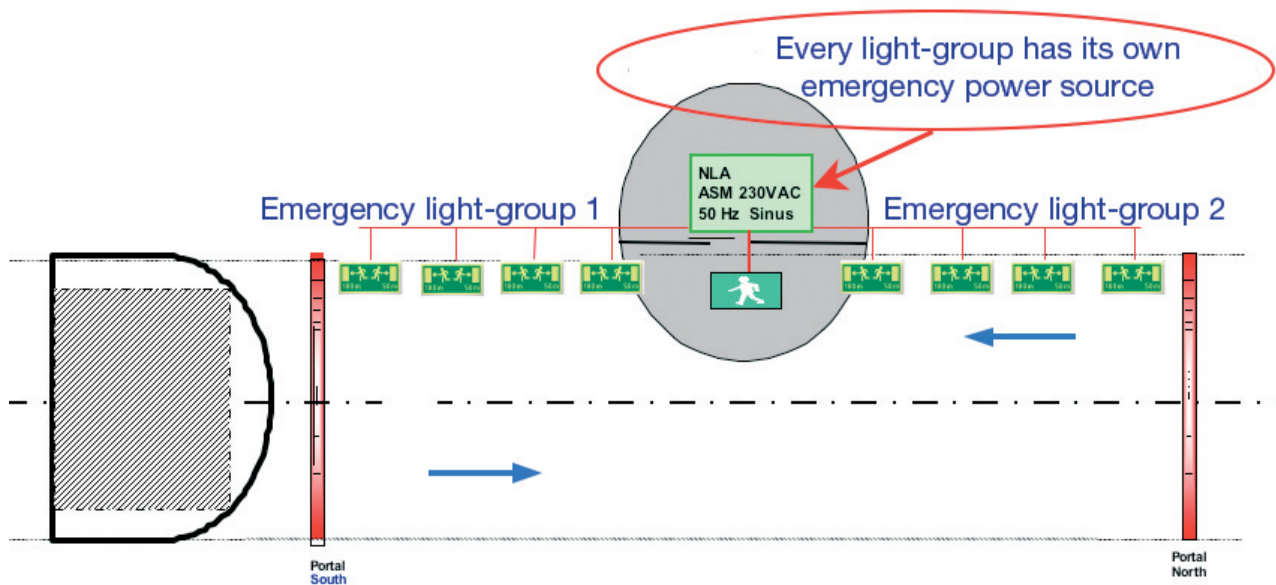
- power-saving **lighting**
- reliably functioning **emergency lighting**
- photoluminescent **escape-way-guidance-system**

**Important:** permanent activation guaranties reliable functioning of the escape-way-guidance-system even in places without ambient light.

## SecuLux – Technical Data

- 2 x 6 W redundant built – in lamps
- Consumption with 230 V / 50 hertz, only 1 W per 10 cm of lamp
- Lifespan up to 80'000 - 100'000h with constant lightoutput
- Ignition property range between app. -25°C to +70°C
- Easy and quick servicing thanks to modular technology
- Waterproof – IP68
  
- **Low energy consumption** (example with 25m distance between the units)  
app. 480W per kilometer of tunnel with 230V (= 100% Light achievement)  
app. 240W per kilometer of tunnel with 120V (= 70% Light achievement)

**SecuLux can ideally be integrated into existing emergency power supplies or into the autonomous emergency power concept ASM.**



- Unlimited options to form light-groups
- Patented High stream technology „HST“ for selective load disconnection in short circuit cases
- Autonomy > 60 min
- LON-Bussystem (FTT/PLT) for data transfer over several kilometers
- Permanent emergency net in current or battery operation, 230VAC / 50 hertz of sine
- Microprocessor-controlled, short circuit proved, secured from reverse currents and overloads, LON-Bus
- Recognizes in an emergency possible short circuit cases and separates the involved backup-light-group selectively
- unlimited choice of lamps / consumers due to real sine tension (230VAC / 50 hertz)