

For new installations and modernisation

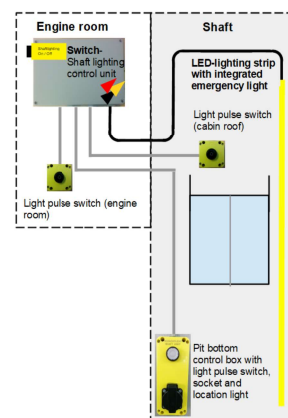
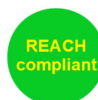
LED-shaft lighting system with emergency light SW-2937/DE + easy connect LED120plus



The shaft lighting systems consists of a light control unit (**SW-2937/DE**) and a LED-lighting strip with integrated emergency light (**easy connect LED120plus**).

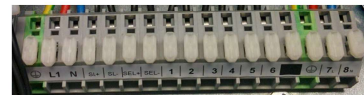
The system operates independently of any elevator control unit. Therefore it is perfectly suitable for modernisation of existing elevators.

All components comply with the European lift standard **EN 81-20** as well as with the **CE**-, **REACH**- and **RoHS**-guidelines.



Light control unit

- Device fuse 6 A
- Fuse for the socket of the pit bottom control box 6 A
- Latching relay
- Rechargeable battery with charging set
- Terminal block with quick installation clamps
- Pulse switch for the main light (On / Off) with operation display
- 3 connections for external pulse switches
- 3 cable runs installed
- 2 cable runs in the sub-package
- Plastic housing
- Safety class IP65
- Fixation dowels in the sub-package
- Display of the battery voltage



Item no.: **SW-2937/DE**

Technical data

Input power	220 – 240 VAC
Average conservation time of emergency light depending on the length of the lighting strip	up to 30 m > 3 hours up to 40 m > 2 hours up to 75 m > 1 hour
Operating temperature range	-20 °C to +50 °C
Dimensions (width x height x depth)	255 x 180 x 110 mm
Weight	approx. 4.1 kg

Appropriate LED-lighting strips with emergency light

easy connect LED120plus/5ct



- 108 high performance-LEDs per meter for the shaft lighting
- 12 high performance-LEDs per meter for the emergency lighting
- Milky jacket material to reduce dazzling
- 5 m LED-connection cable with wire terminals
- Quick installation help
- Fixation dowels with cable ties

Item no.: **953**/5ct** (** height of shaft rounded up)



easy connect LED120plus/hf/5ct



- 108 high performance-LEDs per meter for the shaft lighting
- 12 high performance-LEDs per meter for the emergency lighting
- Milky jacket material **non halogen** and **non silicone**
- 5 m LED-connection cable **non halogen** with wire terminals
- Quick installation help
- Fixation dowels with cable ties

Item no.: **993**/5ct** (** height of shaft rounded up)

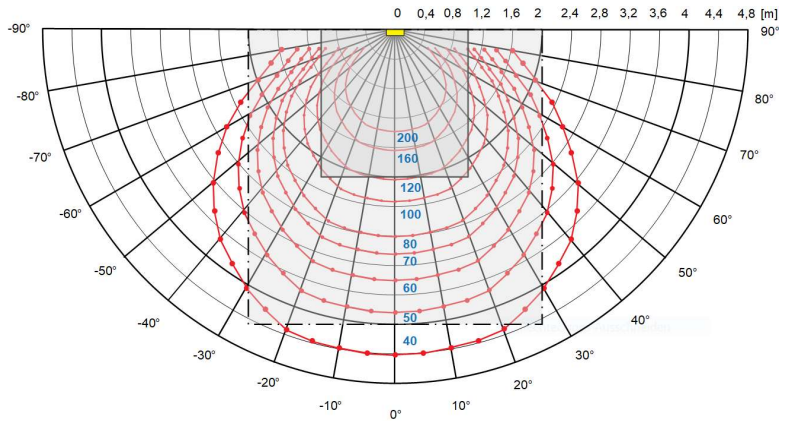


Technical data

Input voltage shaft- / emergency light	230 – 240 VDC / 24 VDC
Angle of radiation of illumination	> 160 degree
Colour temperature of the light	approx. 5,000 K
Service life (mttf) at T _{en} = 25 °C	approx. 50,000 hours
Typical vertical illumination (1 m-distance) shaft- / emergency light	> 250 lx / 30 lx
Maximum length	75 m, cut-off length 1 meter
Operating temperature	-20 °C to +50 °C
Power consumption shaft- / emergency light	< 8 / 0.8 W per meter
Dimension (width x height)	approx. 22 x 9 mm
Weight	< 100 g per meter
Safety class	IP65 (optional IP 68)
Degree of protection	2

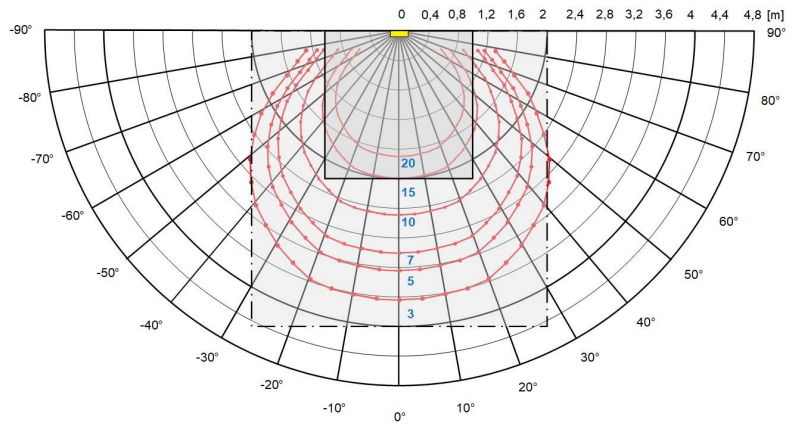
Typical illumination diagrams (all figures in [lx]):

**easy connect LED120plus/hf
Shaft light**



- Area of shaft: 4 m²
- Area of shaft: 16 m²

**easy connect LED120plus/hf
Emergency light**



- Area of shaft: 4 m²
- Area of shaft: 16 m²

Switch GmbH keeps the right to alter the product with regard to technical improvement without further notice.
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