

## LED-lighting strips for applications in towers, shafts, route ways, buildings and construction sites

easy connect LED120plus  
(incl. integrated safety light)



easy connect LED120dif  
(standard lighting strip)



Switch GmbH  
Borsigstraße 17  
30916 Isernhagen

Tel.: +49 511 / 6 16 59 60 – 0  
Mail: [info@switch-gmbh.de](mailto:info@switch-gmbh.de)  
[www.switch-gmbh.de](http://www.switch-gmbh.de)

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## LED-lighting strip systems for wind turbines



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## LED-lighting strip systems for wind turbines

so far:  
Flourescent lamps



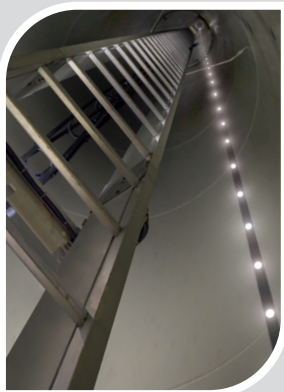
According to the RoHS Directive,  
after August 24, 2023, almost no  
fluorescent lamps for general light-  
ing may be marketed in the EU.



normal operation



emergency operation



## Technical details LED-lighting strip systems incl. integrated safety light

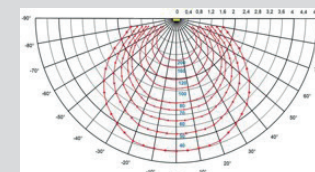
Input voltage	230 - 240 VAC
Device fuse	6 A
Angle of radiation of illumination	> 160 °
Colour temperature of the light (similar to daylight)	approx. 5000 Kelvin
Service life (mttf) at TAm = 25 °C	approx. 50,000 hours
Typical vertical illumination (1m-Distance) main- / safety light	> 250 lx / 30 lx
Operating temperature	-20 °C to +50 °C
Power consumption main- / safety light	< 8 W / 0.8 W per meter
120 high performance-LEDs per meter	
Dimensions (width x height)	approx. 22 x 9 mm
Weight (light strip)	< 210 g per meter
Safety class / degree of protection	IP65 / 2
Color rendering index CRI	> 80
Burning characteristic	self extinguishing
Maximum length (system length)	75 m
Average conservation time of the safety light	> 1 hour

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## Technical details LED-lighting strip systems with integrated safety light

- » For new constructions or repowering
- » Quick and easy installation of the light strip
- » Independent safety light system
- » Lighting system consisting of lighting control unit and a LED light strip with integrated safety light
- » LED-lighting strip system without safety light also available
- » Uniform illumination, without vertical shadowing
- » Standard LED-lighting strip available in lengths up to 100 m
- » Fullfils the requirements of the European lift standard EN 81-20 and the German technical guidelines for „workplaces“ (ASR) A3.4 , A2.3 and A3.4/7
- » In accordance with CE-, REACH- and RoHS-guidelines
- » Excellent energy efficiency and longevity
- » Milky jacket material to reduce dazzling
- » Optional: non halogen jacket material
- » For the interpredation of your application:  
Lighting diagrams

Lighting diagram in  
normal operation



Lighting diagram in  
emergency operation

