

## easy connect LED 120 - LED Shaft lighting of latest generation

Data sheet  
ecLED120-DE18-E

The easy connect LED 120-shaft lighting is based on best available technology. It consists of an extreme robust but still flexible PVC LED-light strip, a connection box with rectifier and a 10 m power supply cord with shaped plug.

The connection set contains a semiconductor protection against stress peaks and a line fuse. A spare fuse is part of the delivery. The printed circuit board meets the **RoHS**-directive.

The large number of LEDs and the shape of the jacket enable a wide angle of radiation with reduced dazzling effect. As a matter of fact the illumination of the shaft is outstanding without any horizontal shadows.

The LED-strip is equipped with state of the art LEDs. This guarantees highest intensity of light with lowest power consumption. Thus the LED-strip achieves the power efficiency class A<sup>+</sup>.

The very low operating temperature of the LED-strip enables a very long service life.

The installation is easy and quick with the supplied 6 mm plastic dowels.

The LED-light strip is ready-for-connection. Therefore the shaft can be illuminated already right from the start of the construction.



### Technical data

Input power	230 – 240 VAC
Configuration	120 LEDs per meter
Angle of radiation (50 lx-width)	> 150 °
Colour temperature	4000 – 4500 K
Service life (mttf) at T <sub>en</sub> = 25 °C	approx. 50000 hours
Average vertical illumination (measured at 1 m-distance)	> 300 lx
Maximum length	70 m, divisible in meter
Supply cord	10 m with shaped plug
Operating temperature	-20 °C to +50 °C
Power consumption / class of power efficiency	< 7 W per meter / A <sup>+</sup>
Dimension (width x height)	12 mm x 7 mm
Weight	100 g/m
Safety class / Degree of protection	IP65 / 2
Burning characteristics	Self extinguishing

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