
Product Specification, Preliminary

EL-Wire, common specifications

Overall Diameter	1,4mm, 2.3mm, 3.0mm +/- 10%
Operating Temperature	-20 to +50 °C
Lifetime (In constant operation)	3000 hrs (Time before the emitted light is down to 30% of its initial Luminance)
Current Consumption	< 8mA / Meter @ 100VAC, 1500Hz
Absolute Maximum Ratings:	
Power Supply Voltage	110 Vrms (Veff)
Stretching Force	1 Kg
Bending Diameter	20mm max.
Twisting Angle	30 degrees per meter
Relative Humidity	60% max.

Remarks:

The lifetime depends on multiple electrical and ambient factors.
Strong UV-light and elevated temperatures, high voltage, high frequency and permanent mechanical stress can shorten the lifetime.

The melting-point of the outer PVC-cover is 160°C, be aware when using hot glue.

EL-Wire complies with RoHS