

Technical Data
Mini Surelight EL wire

Grade: Mini	Standard Diameter Ø (mm)	Chromaticity		Brightness		Twisting Angle Ø (Degrees)/m	Stretching Force Kg	Bending Diameter mm	Operating temperature °C (Degrees)	Lifetime* 100VAC & 400Hz Hours
		100V	400Hz	100V	120V 2000Hz					
Colour		X	Y		Cd/m ²					
Lime	Ø 1.2	0.319	0.628	116.8	188.0	30	0.5	10	- 20 to 55	5700
Red	Ø 1.2	0.682	0.315	20.0	30.7	30	0.5	10	- 20 to 55	5700
Purple	Ø 1.2	0.358	0.233	14.2	21.5	30	0.5	10	- 20 to 55	5700
Pink	Ø 1.2	0.413	0.287	19.5	29.7	30	0.5	10	- 20 to 55	5700
Aqua	Ø 1.2	0.171	0.520	100.0	155.7	30	0.5	10	- 20 to 55	5700
Green	Ø 1.2	0.128	0.566	64.0	98.0	30	0.5	10	- 20 to 55	5700
Blue	Ø 1.2	0.097	0.409	36.2	66.9	30	0.5	10	- 20 to 55	5700
Gold	Ø 1.2	0.472	0.510	70.8	109.2	30	0.5	10	- 20 to 55	5700

All values are to be used as average values / typical ranges \pm 20% measured at 20°C

* lifetime based upon operation cycles: 6 hours on, 18 hours off - reaching 30% of the initial brightness.

Average AC current: 120 mAmp, Input Voltage: 90VAC (rms)

Insulation Breakdown Voltage: 4,000 Volts per IEC 335-1

Colour	Mid Europe - Approximate time to discoloration after average sunlight exposure dose (months)	Tropical Area - Approximate time to discoloration after average sunlight exposure dose (months)
Aqua	24	12
Blue	24	12
White	18	9
Green	18	9
Pink	8	4
Red	6	3

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