

Technical Data T-Type Surelight EL Wire



Grade: T Type	Standard Diameter Ø (mm)	Chromaticity		Brightness		Twisting Angle ° (Degrees)/m	Stretching Force Kg	Bending Diameter mm	Operating temperature °C (Degrees)	Lifetime* 100VAC & 400Hz Hours
		100V X	400Hz Y	100V 120V 2000Hz Cd/m ²						
Colour		X	Y							
Lime	Ø 3.2 + 9.0	0.248	0.680	112.8	191.0	30	1.0	10	- 20 to 55	5700
Red	Ø 3.2 + 9.0	0.704	0.293	17.4	28.1	30	1.0	10	- 20 to 55	5700
Pink	Ø 3.2 + 9.0	0.615	0.309	33.1	51.7	30	1.0	10	- 20 to 55	5700
Aqua	Ø 3.2 + 9.0	0.194	0.546	98.0	148.3	30	1.0	10	- 20 to 55	5700
Green	Ø 3.2 + 9.0	0.138	0.587	64.1	96.6	30	1.0	10	- 20 to 55	5700
Blue	Ø 3.2 + 9.0	0.098	0.425	42.1	63.3	30	1.0	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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