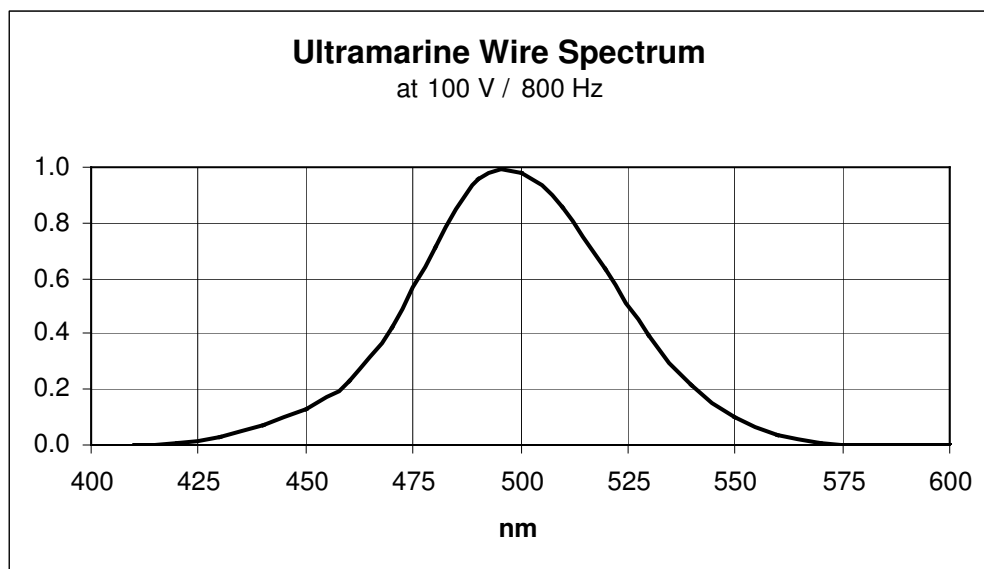


**Product Specification**  
**Super Thick Ultramarine EL Wire – Model 04S UM**  
For Indoor and Outdoor\* Use  
Specific characteristics

**Typical\*\* Chromaticity Coordinates**

Voltage/Frequency	Chromaticity Coordinates	
	X	Y
100 V / 400 Hz	0.101	0.432
100 V / 800 Hz	0.103	0.397
100 V / 2000 Hz	0.108	0.330

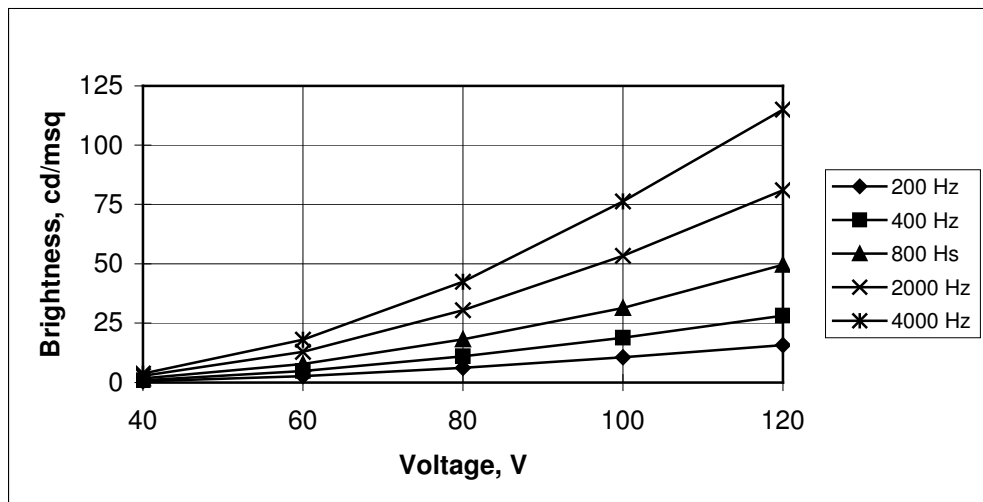




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**Typical\*\* Initial Reference Brightness\*\*\* (cd/msq)**

Voltage, VRMS	200 Hz	400 Hz	800 Hz	2000 Hz	4000 Hz
40	0.5	1.0	1.8	2.8	3.8
60	2.7	4.8	7.8	12.5	18.0
80	6.2	11.0	18.2	30.5	42.4
100	10.6	18.9	31.4	53.3	76.3
120	15.8	28.1	49.6	81.0	115.0



\* Remark: Product operation under direct sunlight is not recommended!  
 For Outdoors system design, please, contact ELAM Technical Support for additional information.

\*\* Remark: Actual parameters of each lot may vary from typical values within +/-20%. All parameters shown for room conditions.

\*\*\* Remark: The mentioned reference brightness values are related to the light emitting electroluminescent layer having diameter of 0.7 mm.