



**ELAM Ltd**  
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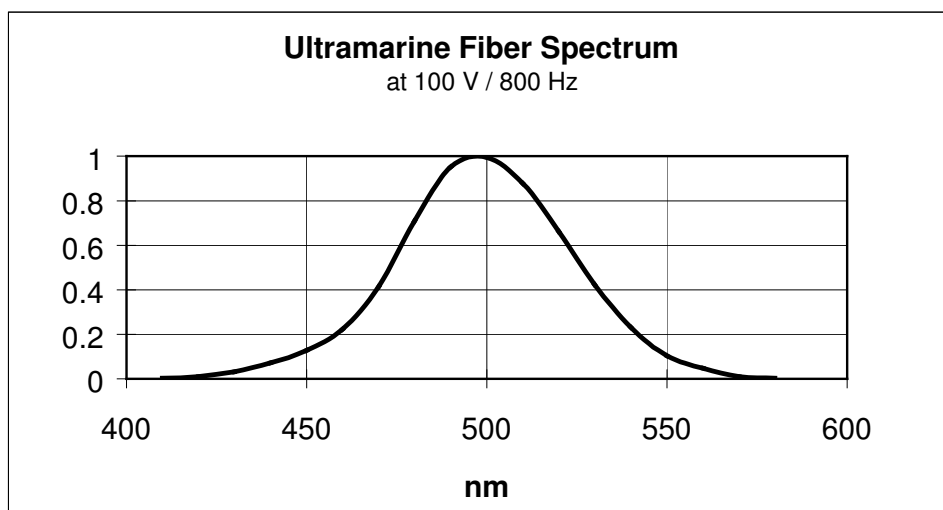
**Preliminary**  
**Product Specification**  
**High Bright Ultramarine EL Wire – Model 05S UM**

**For Indoor and Outdoor\* Use**

**Specific characteristics**

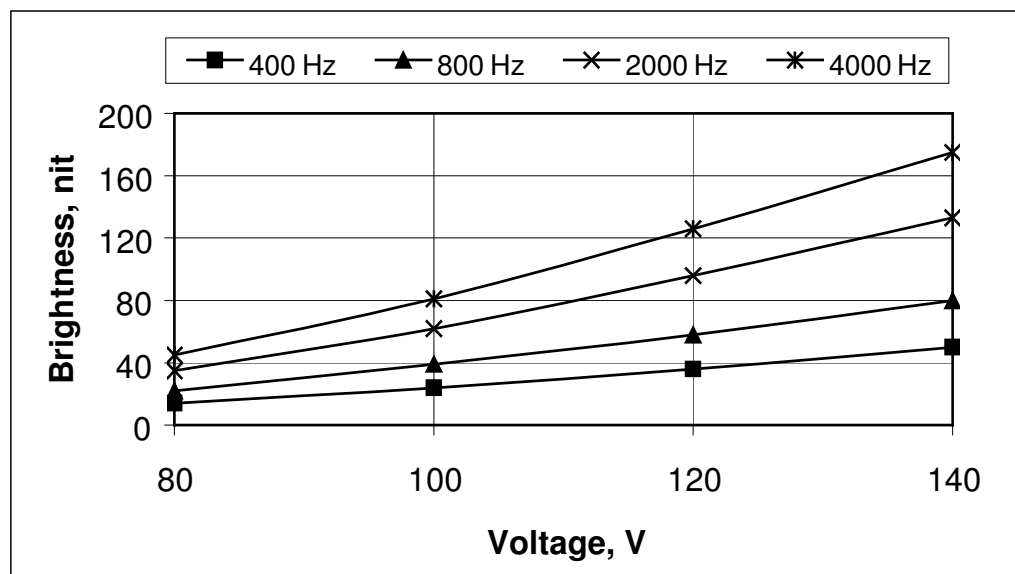
**Typical\*\* Chromaticity Coordinates**

<b>Voltage/Frequency</b>	<b>Chromaticity Coordinates</b>	
	<b>X</b>	<b>Y</b>
100 V / 400 Hz	0.102	0.435
<b>100 V / 800 Hz</b>	0.103	0.406
<b>100 V / 2000 Hz</b>	0.109	0.339



### Typical\*\* Initial Reference Brightness\*\*\* (nit)

Voltage, VRMS	400 Hz	800 Hz	2000 Hz	4000 Hz
80	14	22	35	45
100	24	39	62	81
120	36	58	96	126
140	50	80	133	175



\* Remark: 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 0.85 mm.



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