



ELAM Ltd
 P.O.B. 45071, Jerusalem 91450, Israel
 Phone: 972-2-532-8888
 Fax: 972-2-532-8889

Product Specification

Heavy Duty Ultra-Marine EL Wire – Model 02S UM

For Indoor and Outdoor* Use

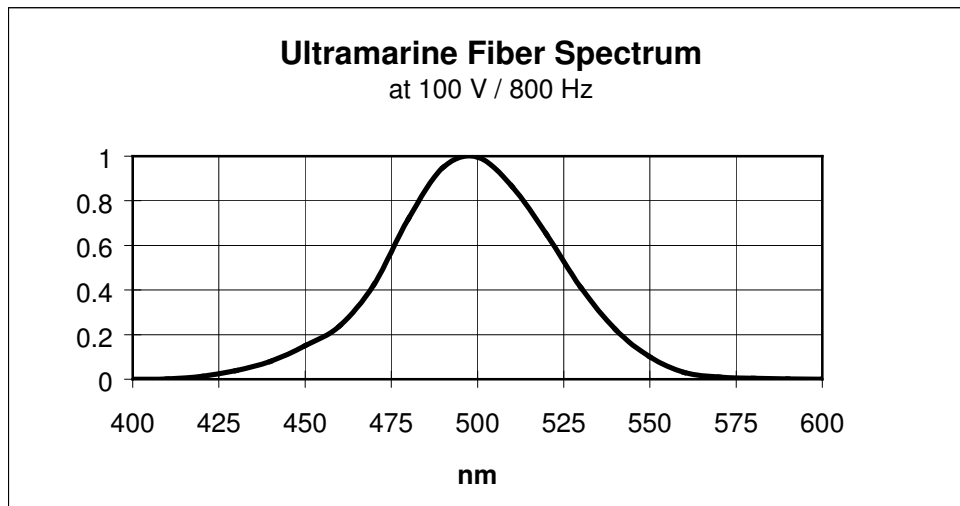
Specific Characteristics



UL File E211319
AWM, Style 10505

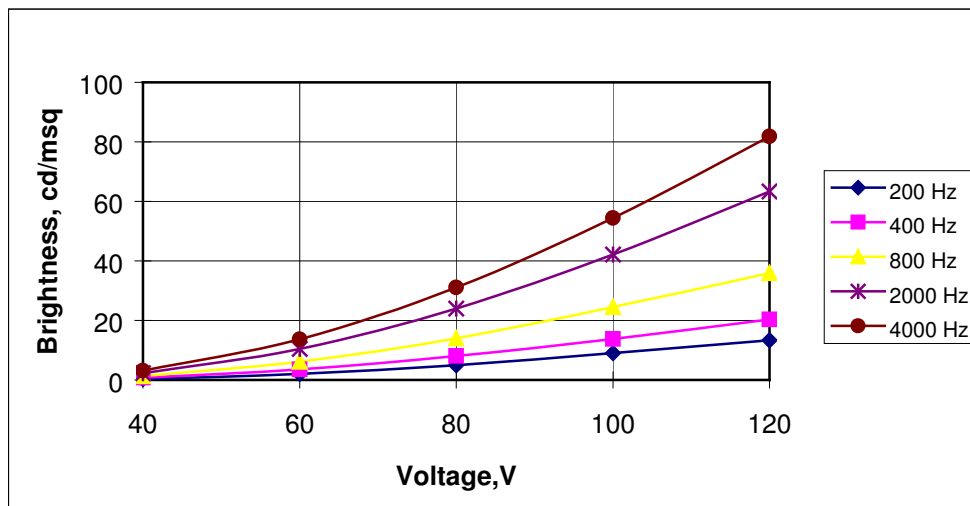
Typical** Chromaticity Coordinates

Voltage/Frequency	Chromaticity Coordinates	
	X	Y
100 V / 400 Hz	0.098	0.425
100 V / 800 Hz	0.102	0.398
100 V / 2000 Hz	0.108	0.334



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

Voltage, VRMS	200 Hz	400 Hz	800 Hz	2000 Hz	4000 Hz
40	0.3	0.7	1.3	2.3	3.1
60	2.0	3.6	6.1	10.4	13.7
80	5.0	8.1	14.0	24.0	31.1
100	9.0	13.8	24.5	42.1	54.4
120	13.3	20.3	35.9	63.3	81.8



* 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.