

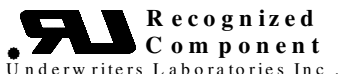


**ELAM Ltd**  
 P.O.B. 45071, Jerusalem 91450, Israel  
 Phone: 972-2-532-8888  
 Fax: 972-2-532-8889

**Product Specification**  
**Heavy Duty Red EL Wire – Model 02S R3**  
 For Indoor and Outdoor\* Use  
 Specific Characteristics



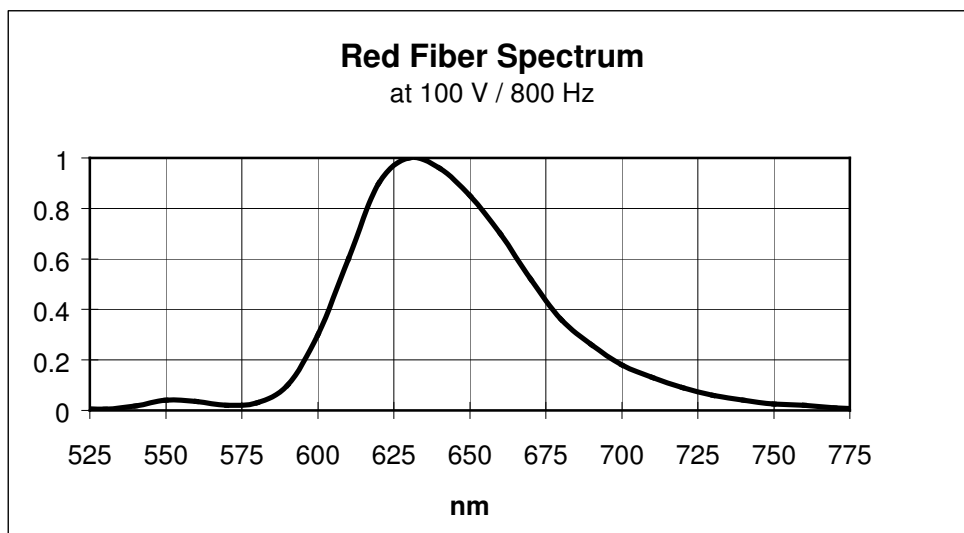
CE Certificate Registration No: AK 9910106 01



UL File E211319  
 AWM, Style 10505

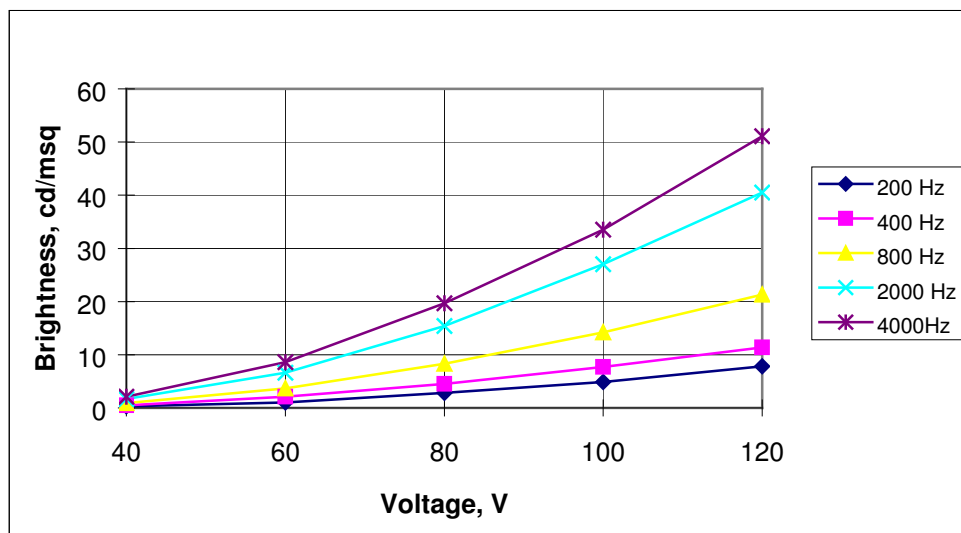
**Typical\*\* Chromaticity Coordinates**

Voltage/Frequency	Chromaticity Coordinates	
	X	Y
100 V / 400 Hz	0.686	0.312
100 V / 800 Hz	0.687	0.311
100 V / 2000 Hz	0.687	0.311



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

Voltage, VRMS	200 Hz	400 Hz	800 Hz	2000 Hz	4000 Hz
40	0.3	0.5	0.9	1.7	2.1
60	1.0	2.1	3.7	6.6	8.6
80	2.8	4.5	8.3	15.4	19.7
100	4.9	7.7	14.2	27.1	33.5
120	7.8	11.4	21.3	40.5	51.1



\* 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.