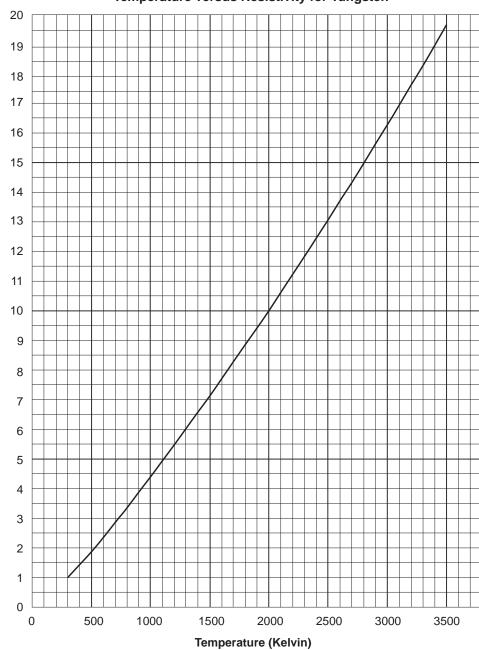
Thermal Radiation System 012-04695D

Table 2 Temperature and Resistivity for Tungsten

R/R _{300K}	Temp °K	Resistivity $\mu\Omega$ cm	R/R _{300K}	Temp °K	Resistivity $\mu\Omega \text{ cm}$	R/R _{300K}	Temp °K	Resistivity $\mu\Omega \text{ cm}$	R/R _{300K}	Temp °K	Resistivity $\mu\Omega \text{ cm}$
1.0	300	5.65	5.48	1200	30.98	10.63	2100	60.06	16.29	3000	92.04
1.43	400	8.06	6.03	1300	34.08	11.24	2200	63.48	16.95	3100	95.76
1.87	500	10.56	6.58	1400	37.19	11.84	2300	66.91	17.62	3200	99.54
2.34	600	13.23	7.14	1500	40.36	12.46	2400	70.39	18.28	3300	103.3
2.85	700	16.09	7.71	1600	43.55	13.08	2500	73.91	18.97	3400	107.2
3.36	800	19.00	8.28	1700	46.78	13.72	2600	77.49	19.66	3500	111.1
3.88	900	21.94	8.86	1800	50.05	14.34	2700	81.04	26.35	3600	115.0
4.41	1000	24.93	9.44	1900	53.35	14.99	2800	84.70			
4.95	1100	27.94	10.03	2000	56.67	15.63	2900	88.33			

Temperature versus Resistivity for Tungsten



Relative Resistivity

 R_T

 $\overline{\mathrm{R}_{300\mathrm{K}}}$