



# Electro Optical Components, Inc.

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## STEADY STATE IR SOURCE MODEL EK-5370

HelioWorks, Inc. offers a unique steady state black body infrared emitter in an industry standard TO-5 package with approximately 2.5 Watts input power at up to 950°C (1223°K). It has no window and there emits the full unattenuated blackbody spectrum.

### Electrical Specifications:

Peak Voltage = 1.4 Volts MAXIMUM

Peak Current = 1.8 Amps

Peak Power = 2.52 Watts

### Current Vs. Voltage

V	I	W=VI (Watts)	R=V/I (Ohms)
0.50	0.64	0.32	0.79
0.80	1.03	0.82	0.78
1.00	1.28	1.28	0.78
1.20	1.54	1.85	0.78
1.30	1.66	2.16	0.78
1.40	1.80	2.52	0.78
1.50	1.90	2.85	0.79

Current vs. Voltage

