



Electro Optical Components, Inc.

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STEADY STATE IR SOURCE MODEL EK-5372

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). Includes a CaF2 window.

Key Features Include:

- Kanthal Filament with Emissivity = 0.7
- Approximately 2.5 Watts input at 950°C (1223°K)
- Includes a CaF2 Window
- Internal Gold Plated Parabolic Reflector
- Industry Standard TO-5 Package

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

