



"Out Shines All Others"

## PULSABLE IR SOURCE

### Model EP-3962\*

Helioworks, Inc. offers a unique steady state infrared emitter with a tungsten filament and sapphire window that provides mid IR radiation to over 5 microns. It operates in pulsed or steady state mode at temperatures in excess of 1900° K in an industry standard TO-8 package.



#### Key features include:

- Tungsten Filament
- Operates in Pulsed or Steady State Mode
- Internal Gold Plated Parabolic Reflector
- Sapphire Window
- Standard TO-8 Package

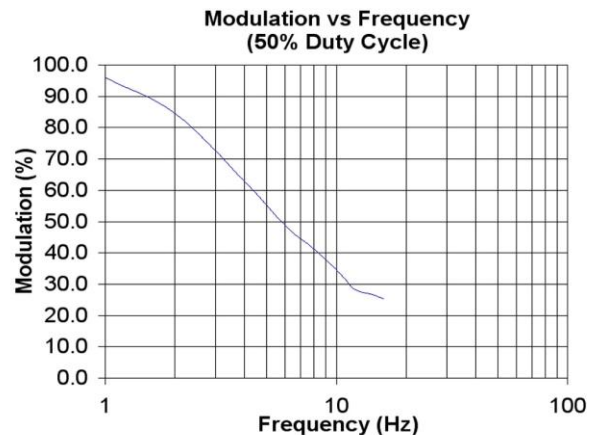
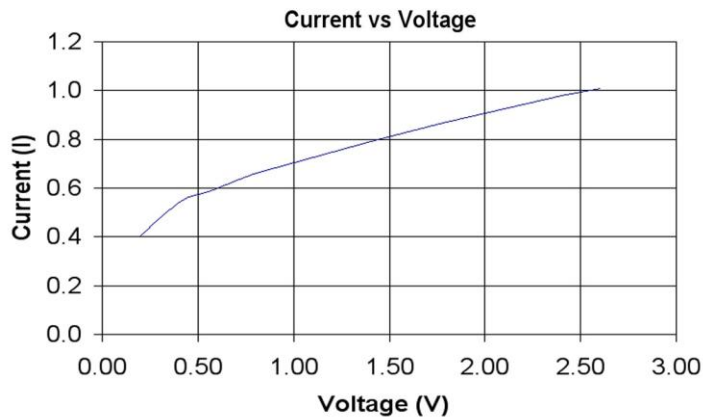
#### Electrical Specifications:

Peak Voltage = 2.6 Volts MAXIMUM

Peak Current = 1.05 Amps

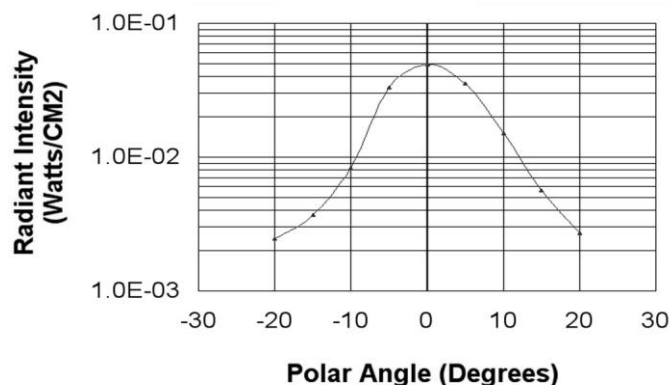
Peak Power = 2.7 Watts

\* Patented



#### **Radiance (Watts/CM2):**

Volts = 2.6, Distance = 3.0 inches from source



Polar Angle	Average (Watts/CM2)
-20	2.50E-03
-15	3.80E-03
-10	8.00E-03
-5	3.30E-02
0	4.95E-02
5	3.60E-02
10	1.50E-02
15	5.60E-03
20	2.70E-03

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