

PULSABLE IR SOURCE Model EP-3963*

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.



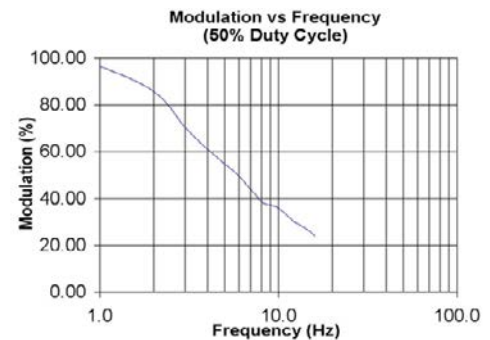
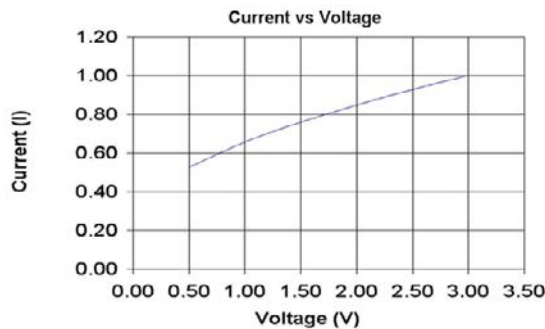
Key features include:

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

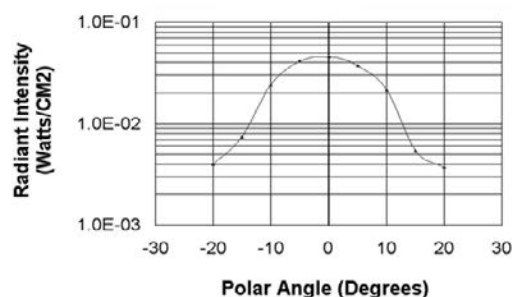
Electrical Specifications:

Peak Voltage = 3.0 Volts MAXIMUM
Peak Current 1.0 Amp
Peak Power = 3 Watts (DC)

*Patented



Radiance (Watts/CM²):
Volts = 2.6, Distance = 3.0 inches from source



Polar Angle	Average (Watts/CM ²)
-20	4.00E-03
-15	7.40E-03
-10	2.40E-02
-5	4.15E-02
0	4.55E-02
5	3.75E-02
10	2.15E-02
15	5.40E-03
20	3.70E-03