



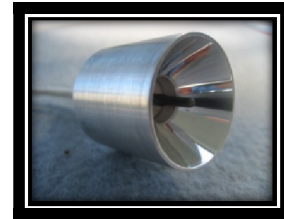
HawkEye Technologies, LLC
Your **Source** for **Infrared**

www.hawkeyetechnologies.com

181 Research Drive, #8
Milford, CT 06460
Phone: 203-878-6892
Fax: 203-878-7462

Infrared Source IR-18

- Silicon Nitride Emitter mounted in a Parabolic Reflector
- Robust and Efficient
- 1200°C High Output Design



The IR-18 is designed for those customers who require higher temperatures and greater output from their infrared source. These emitters are manufactured using a patented silicon nitride material. The advanced ceramic technology ensures a very stable product. Their robust design ensures intrinsic physical and thermal strength. When operated at 12 volts/20 watts the IR-18 reaches 1200°C.

These silicon nitride emitters are mounted in a 1 inch parabolic reflector for extremely efficient collimation of energy. This unit is our highest output product.

Recommended Operating Parameters

	IR-18
Voltage	12.0 volts (AC or DC)
Temp	1200° C
Current	1.7 Amperes
Power	20.0 watts
Emissivity	0.75
Radiating Area	0.060 inch dia. x 0.160 inch length

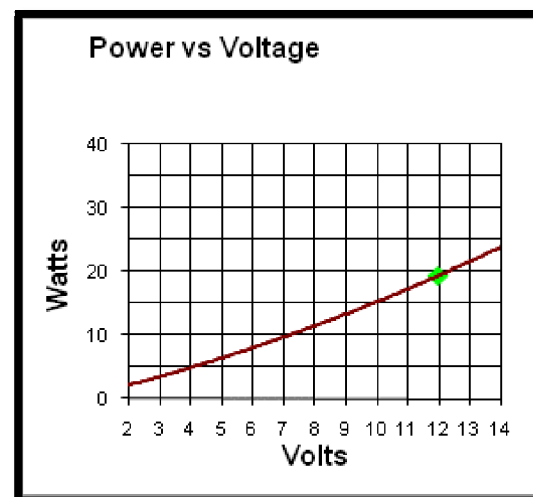
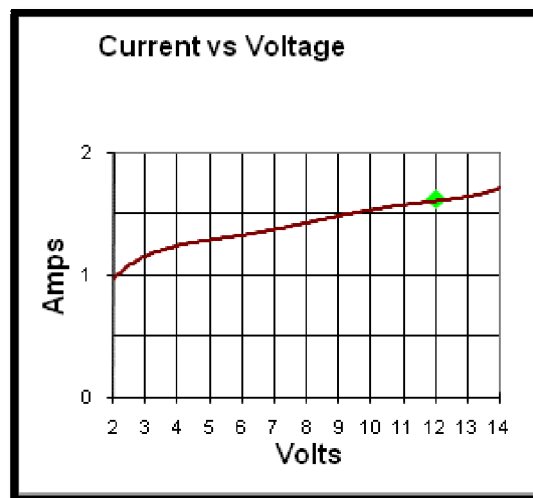
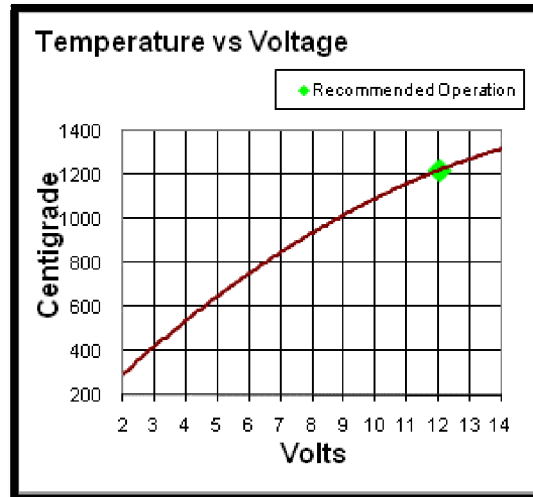


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HawkEye IR-18 Engineering Data Charts

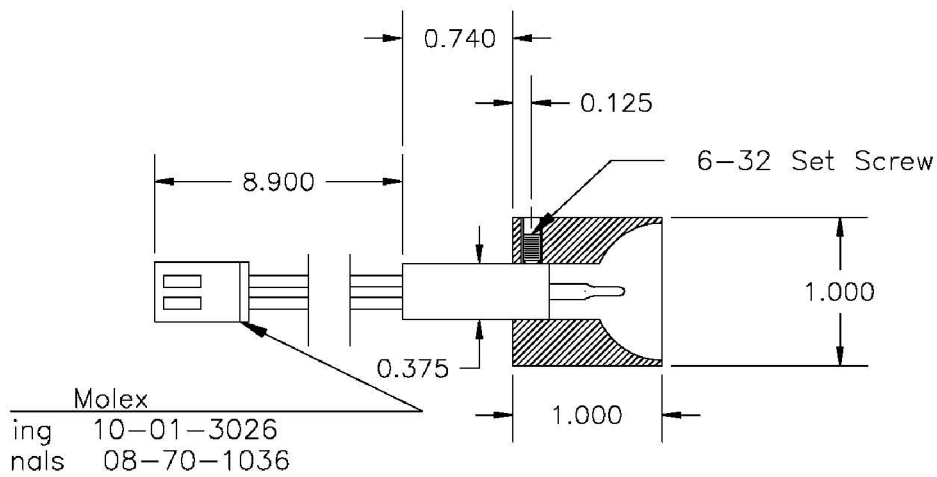




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IR-18 Emitter

Note: all dimensions in inches