



G. S. I. Inc.

Manufacturer & Distributor of Aerospace Lighting

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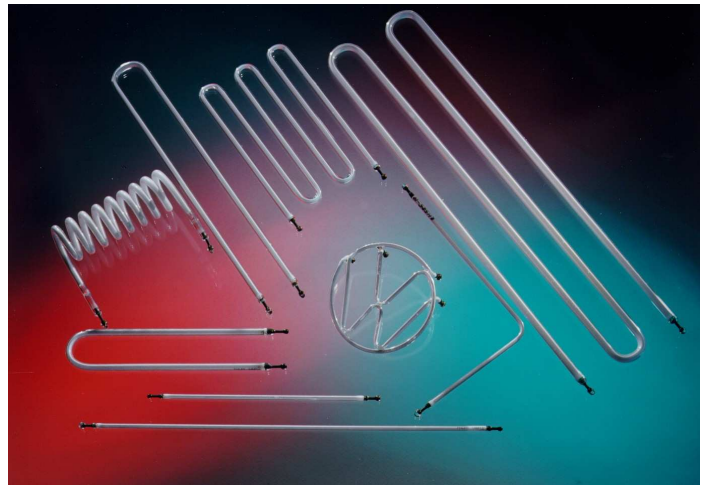
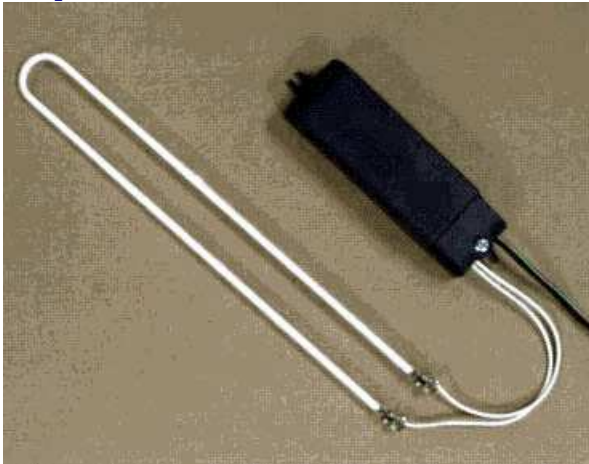
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LONG LIFE COLD CATHODE FLOURESCENT LAMPS

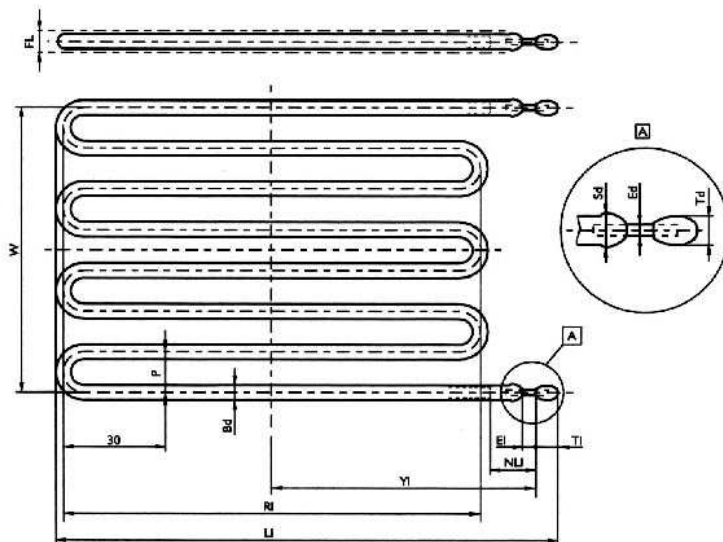
Applications:

- ☐ LCD backlighting.
- ☐ Military / emergency displays.
- ☐ Aviation displays.
- ☐ Notebook and PC computers.
- ☐ Industrial applications.
- ☐ Automotive applications.

Lamp With Inverter



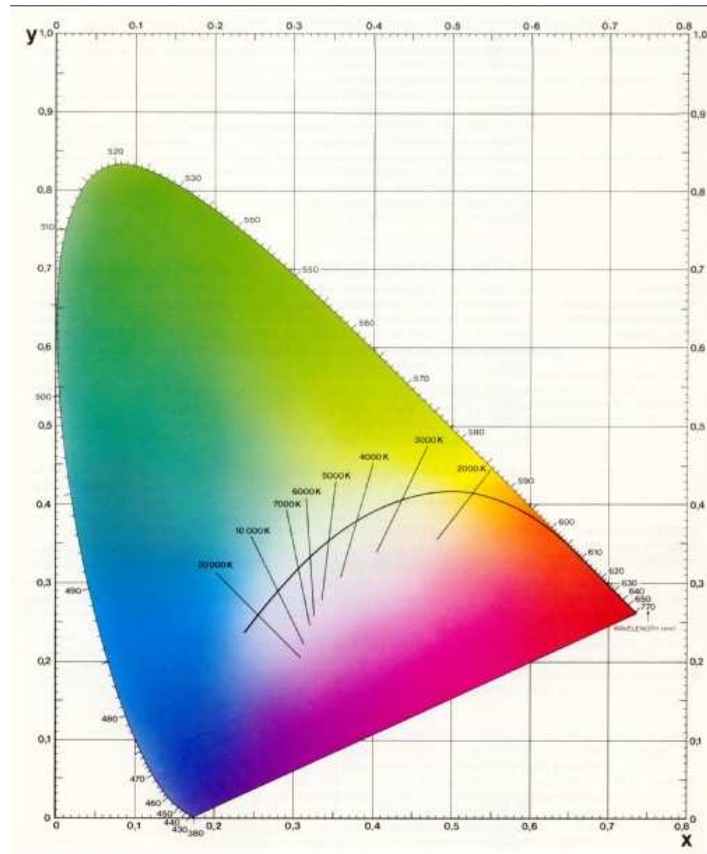
- ☐ Monitors and large screen TV's.
- ☐ Image scanner / fax equipment.
- ☐ Large wall tile illumination.
- ☐ Decorative illumination.
- ☐ Emergency and orientation lighting.
- ☐ Integrated, sealed for life applications.



Serpentine Lamp

Advantages:

- ☐ NVG Compatibility without filters.
- ☐ Unequaled long lamp life and durability against repeated switching up to 100,000 hours.
- ☐ High luminance per watt input and color rendering is obtained by the use of high quality multi-band phosphors.
- ☐ Can be easily connected to printed wiring assemblies.
- ☐ Extremely low mercury levels.
- ☐ Manufactured with lead-free glass.



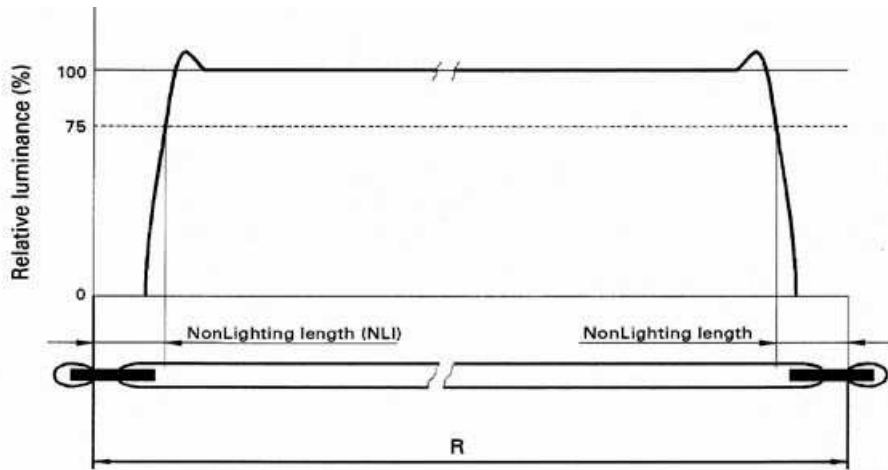
The Long Life Cold Cathode Lamp is available in standard and custom made sizes in a wide spectrum of colors and shapes.

A variety of connectors and clamps for the lamps are available to allow custom applications. For optimum performance and reliability, NDF Special Light Products B. V. can provide inverters with the same long life characteristics.

Light Distribution Over Lamp Length:

The lamps can be supplied in 3 distinct tube diameters:

- ☐ The 0.20 in (5.0 mm) tube diameter for lamps longer the 39 in (99.06 cm).
- ☐ The 0.16 in (4.1 mm) tube diameter for lamp currents to 15 mA.
- ☐ The 0.11 in (2.8 mm) tube diameter for high brightness and fast run-up applications.



Lamp lengths ranging from 5.9 in (14.97 cm) up to 45 in (114.3 cm) are also available.

Features:

- ❑ High luminance is up to 40,000 cd/cm².
- ❑ Long and useful life is based on 70% of initial light output up to 100,000 hours.
- ❑ Custom made colors are based on 3 band phosphors.
- ❑ Broad lamp current ranges are 2 to 15 Amp.
- ❑ Patented electrode construction gives excellent switching capabilities.
- ❑ The rigid electrode makes the lamp shock and vibration proof.
- ❑ Flexible in design with U, S, I, L, M-types, and custom made shapes.
- ❑ Wide dimming range.



Sold & Serviced in the United States & Canada by G. S. I. Inc.

Manufactured by:



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