



Infrared Tungsten Light Source MIL1000



2022 V1

For customized projects please Contact us:

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The stabilized infrared tungsten light source provides a constant intensity blackbody radiation spectrum between 450 and 5500 nm and a lifetime of over 5000 hours.

Since the blackbody spectral range of this light source covers the visible and mid-infrared wavelengths, it is ideal for integration into mid-infrared measurement and analysis systems. The light source can be installed with a filter with a diameter of 25.4mm. In addition, the light source can be customized into a SMA905 interface output according to customer requirements (no interface by default)!

Stability better than 5‰ HL1000 adopts a higher level power supply to ensure that the optical power output drifts not more than 5‰ per hour;

Parameter

- The light source can adjust the output light intensity steplessly through the knob.
- The maximum power of the tungsten lamp is 7.5 watts, and the color temperature is 1900K.
- Small size, size: 100 x 50 x 40 mm;
- The wavelength range is wide, 450~5500nm; the standard configuration is direct output, and a coupler can be added to the fiber output; please inquire about the specific structure.
- Adopt air-cooled heat dissipation, do not block the air inlet and outlet during use;
- Use 85~250 V AC power supply;
- The light bulb is a consumable, please replace it before its lifespan is reached;

Please note that tungsten lamps generate a lot of heat during operation, keep cool.

Spectral Curve

