

# Tungsten-Halogen Light Source

**PART NUMBER: HL-2000**

The HL-2000 miniature stabilized halogen fan-cooled light source can be used for the visible range and near infra-red. The HL-2000 features adjustable focusing of the SMA connector to maximize light coupling into a fiber, a filter slot that accepts 1" round or 2" x 2" square filters up to 3 mm thick and a high efficiency, regulated power supply. The HL-2000 needs a PS-12V/1.25A 220 VAC to 12 VDC power adapter.



The SMA connector input into any fiber can be optimized by changing the focus. Bulb replacement is easy.

For long-life application the HL-2000 is equipped with a special bulb with 10,000 hours life expectancy. The output is 20% less @ 650nm and 50% less @ 400nm than the regular HL-2000 bulb.

## Specifications:

Power requirement \_\_\_\_\_ 12 VDC / 0.7A

Output to bulb \_\_\_\_\_ 5 VDC / 1.4A (7W)

Stability \_\_\_\_\_  $\pm 0.5\%$

Time to stabilize \_\_\_\_\_ Ca. 5 min.

Bulb life \_\_\_\_\_ 900 hrs

Optical power \_\_\_\_\_ 1,050  $\mu$ Watt  
200 $\mu$ m fiber

Optical power \_\_\_\_\_ 9,000  $\mu$ Watt  
600 $\mu$ m fiber

Bulb color temperature \_\_\_\_\_ 2,960 K

Dimensions (mm) \_\_\_\_\_ 58 x 59 x 140

*Control Development, Inc. reserves the right to change specifications without notice.*

## Ordering Information:

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# Affordably Priced At \$745.00



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Control Development, Inc. also manufactures integrated spectroscopy systems for: UV-VIS, NIR, RAMAN and OEM customers.



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MY INSTRUMENT



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