



# Photon Control

The SPL-2H Halogen Light Source has been designed for Industrial, Research and Development and Educational applications. It efficiently couples light into an optical fiber by using a combined reflector and lens optical collection system. It includes an integrated cooling fan which allows for a higher light output than competitor models while at the same time extends the life of the bulb, and makes the unit easy and safe to work with. This makes it convenient for desktop and laboratory use or in applications where high temperature may be a concern.

This light source works very well with the SPM family of spectrometers and spectrometer accessories available at Photon Control. See website for details.

## **HIGHLIGHTS**

- 4 times more light output than competitive fiber optic halogen light sources focused directly into optical fiber
- Dimmer control for fine tuning of output intensity
- Inline filter holder for customizing of output wavelength
- Integrated cooling fan for higher light output with extended bulb life and easier handling

## **SPL-2H HALOGEN LIGHT SOURCE**



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ISO 9001:2000



1050706

SPECIFICATIONS ARE SUBJECT  
TO CHANGE WITHOUT NOTICE

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ECO 768

## PERFORMANCE SPECIFICATIONS

Spectral Range (nm)	• 350 to 2000
Lifetime (MTBF) (hours)	• 10,000 (at nominal light output level)
Fiber Connector	• SMA
Recommended Fiber	• 200 micron core or larger, NA 0.22
Color Temperature (K)	• 2800
Light Output Adjustment (%)	• -30 / +40

## OPERATING SPECIFICATIONS

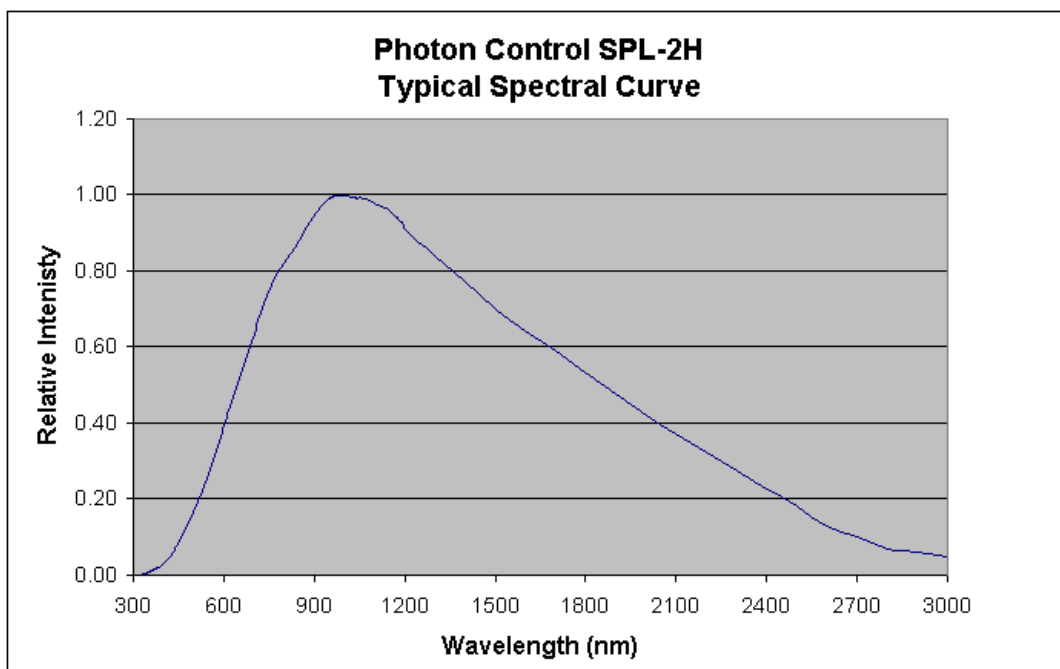
Operating Temperature Range (°C)	• -10 to +60
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## ELECTRICAL SPECIFICATIONS

Power Supply	• 12 VDC, 650 mA
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## PHYSICAL SPECIFICATIONS

Dimensions (mm)	• 116 x 40 x 43
Weight (g)	• 165
Filter Slot Width for Optional Inline Filters (mm)	• 3



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