



Photon Control

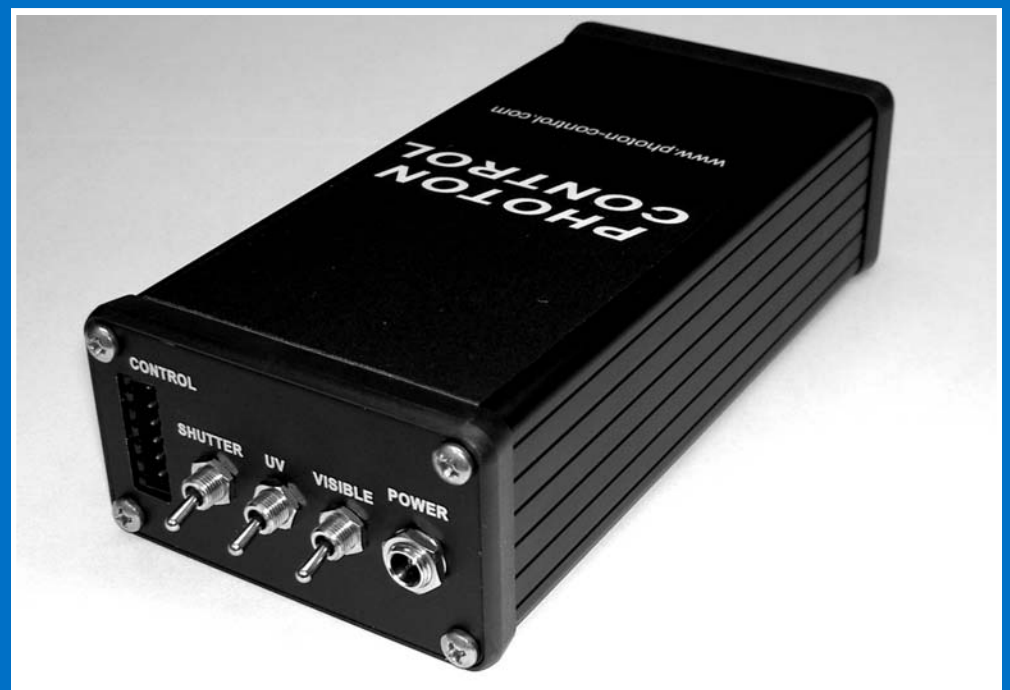
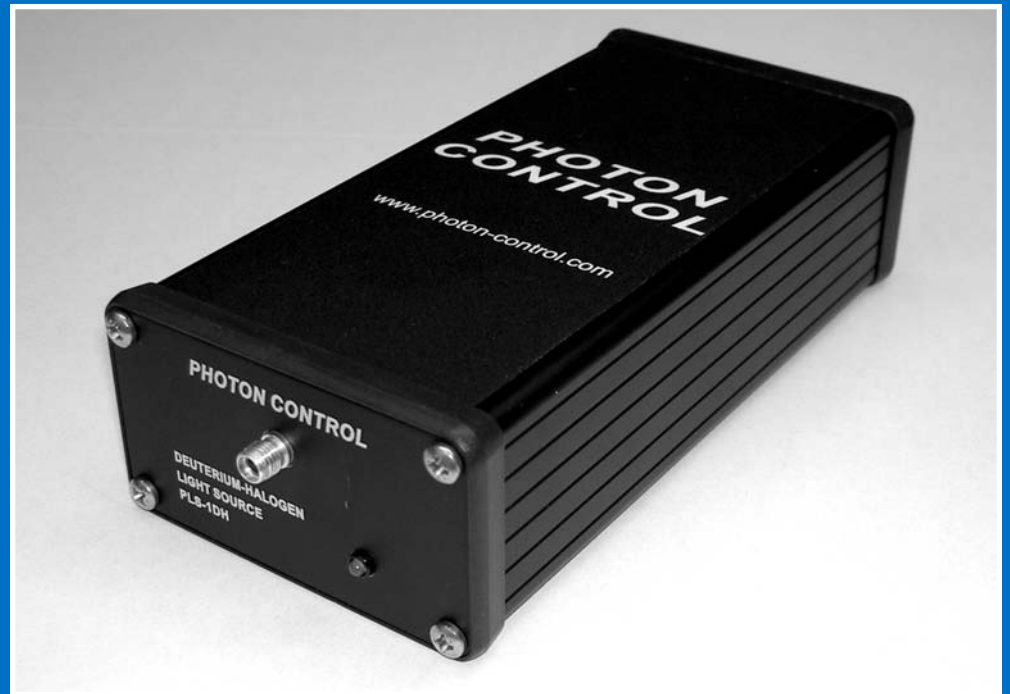
The SPL-1DH Deuterium Halogen Light Source has been designed for Industrial, Research and Development and Educational applications. It offers a wide spectral range of 200 to 1100nm which makes it suitable for the UV, Visible and IR regions. It boasts separately controlled Deuterium and Halogen sources can be operated either individually or as a combined source, using external switches or TTL signals. It also includes a mechanical shutter that can be controlled with either an external switch or TTL signal.

This light source works very well with the SPM family of spectrometers and spectrometer accessories available at Photon Control. Ask about our bundles which incorporate a light source with a spectrometer and patchcord at a discounted price. If you are unsure, we can help you find the combination that fits your needs and your budget. See website for more details.

HIGHLIGHTS

- Integrated UV, Visible and IR light source
- Wide spectral range from 200 to 1100 nm
- Can be used as either a Deuterium, Halogen or Combined source

SPL-1DH DEUTERIUM HALOGEN LIGHT SOURCE



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PERFORMANCE SPECIFICATIONS

Spectral Range (nm)	• 200 to 1100
Lifetime (MTBF) (hours)	• Deuterium lamp - 1000 • Halogen lamp - 2000
Fiber Connector	• SMA
Recommended Fiber	• 100 micron core or larger
Numerical Aperture	• Deuterium - 0.245 • Halogen - 0.057

OPERATING SPECIFICATIONS

Operating Temperature Range (°C)	• +5 to +35
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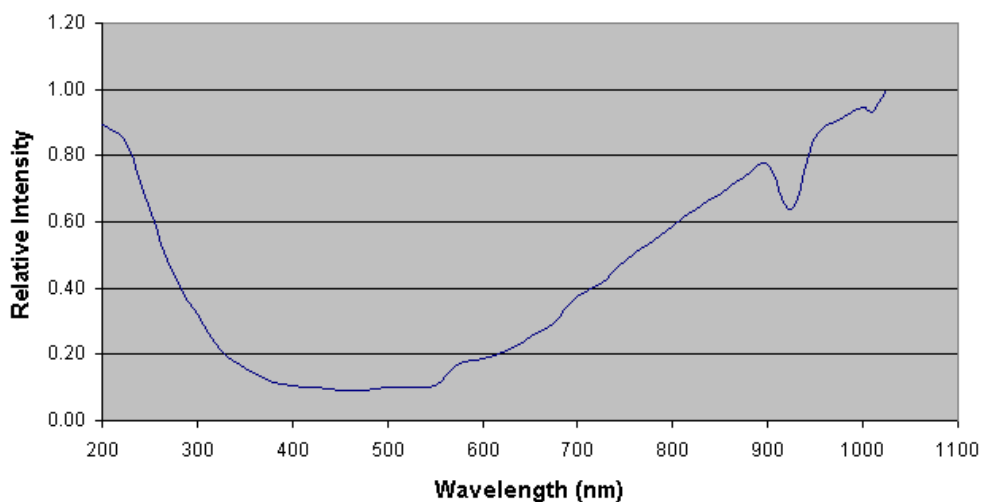
ELECTRICAL SPECIFICATIONS

Power Requirements	• 12 VDC - 650 mA
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PHYSICAL SPECIFICATIONS

Dimensions (mm)	• 118 x 81 x47
Weight (g)	• 385

**Photon Control SPL-1DH
Typical Spectral Curve**



ISO 9001:2000



1050706

SPECIFICATIONS ARE SUBJECT
TO CHANGE WITHOUT NOTICE

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