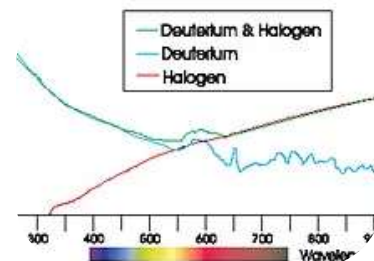




AvaLight-DHc

Compact, Deuterium Halogen Light Source



The AvaLight -DHc is both a deuterium light source and a halogen light source, providing you with adequate light between 200 and 2500nm for nearly all absorbance chemistry applications and more.

Deuterium emits light between 200 and 550nm, then the halogen takes over and provides illumination up to 2500nm. Coupling to the rest of your spectroscopy system is easy with the standard SMA connector.

This light source is recommended in setups with large fibre cables or direct attach accessories such as cuvette holder in the form of the CUV-DA, due to its relatively low output energy. The integrated TTL-shutter makes saving a dark measurement very simple in combination with AvaSoft if the spectrometer is interfaced with your PC via an IC-DB26-2 cable.

As an option, the AvaLight-DHc is available in a rack mountable version, to be used in the 19" rack or the 9.5" desktop system.

Highlights of the AvaLight-DHc are...

- Combined Deuterium-Halogen
- Low cost
- Integrated TTL-shutter

Technical data

AvaLight-DHc	Deuterium	Halogen
Wavelength Range	200 - 400 nm	400 - 2500 nm
Stability	< 1 mAU	< 1 mAU
Warm-up time	8 min	1 min
Drift	< 0.25% / h	< 0.25% / h
Optical Power in 600 μ m fiber	0.2 μ Watt	7 μ Watt
Lamp Lifetime	1000 hours	2000 hours
Temperature range	5°C - 35°C	5°C - 35°C
Power Supply	12VDC / 450mA	12VDC / 450mA
Dimensions	175 x 110 x 44 mm	175 x 110 x 44 mm



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[AvaLight-DHc-B](#)

[Compact Deuterium Halogen Replacement Bulb](#)

[CUV-DA](#)

[Direct attach cuvette holder for AvaLight-DHc/XE/LED](#)

[PS-12V/1.0A](#)

[Power supply 100-240VAC/12VDC, 1.0A for AvaLight-DHc](#)

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