

Tungsten-Halogen Spectroscopy Illuminator

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+

A\$3,350⁴⁰

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General

Tungsten-Halogen Illuminator

Type:

HL-2000-LL-FHSA

Model Number:

Note:

Power supply, integrated shutter, integrated filter holder for filters up to 25 mm square or 25 mm round in diameter and 4 mm in thickness, and integrated attenuator included.
The illuminator has an optical output drift of <0.1% per hour

10000	Operating Lifetime (hours):
Physical & Mechanical Properties	
0.5	Weight (kg):
58 x 59 x 140	Dimensions (mm):
Optical Properties	
360 - 2400	Wavelength Range (nm):
Electrical	
4.5	Output Power (mW):
Hardware & Interface Connectivity	
SMA905	Connector:
12 VDC	Power Requirement:
Environmental & Durability Factors	
5 to 35	Operating Temperature (°C):
2800	Color Temperature (K):
Operating Humidity: 5–95% without condensation at 40°C	
Regulatory Compliance	
Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	Reach 250:

Product Details

- Stable, High-Quality Output Across Broad Wavelength Ranges from 185–2500 nm
- Deuterium-Tungsten, Xenon, Tungsten-Halogen Lamp Types Available
- Fully Compatible with Ocean Optics Spectrometers and Accessories

Ocean Optics Spectroscopy Illuminators offer a flexible range of UV–NIR light sources to pair with Ocean Optics spectroscopy systems. Choose from Tungsten-Halogen for stable VIS–NIR output (360–2400nm), Xenon for high-intensity, pulsed broadband UV–NIR illumination (185–2500nm), or Deuterium-Tungsten for continuous coverage from deep UV through NIR (210–2500nm). Typical applications include reflectance, transmittance, absorbance, and fluorescence measurements where reliable, well-matched illumination is essential. Ocean Optics Spectroscopy Illuminators are designed for lifetimes of up to 10,000 hours and feature SMA fiber connections.