See all 3 Products in Family

Tungsten-Halogen Spectroscopy Illuminator

See More by Ocean Optics

Stock **#90-544** NEW CONTACT US

- 1 + **A$3,350.40**

ADD TO CART

Volume Pricing	
Qty 1+	**A$3,350.40** each
Need More?	Request Quote

Product Downloads

General

Type:
Tungsten-Halogen Illuminator

Model Number:
HL-2000-LL-FHSA

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

Operating Lifetime (hours):
10000

Physical & Mechanical Properties

Weight (kg):
0.5

Dimensions (mm):
58 x 59 x 140

Optical Properties

Wavelength Range (nm):
360 - 2400

Electrical

Output Power (mW):
4.5

Hardware & Interface Connectivity

Connector:
SMA 905

Power Requirement:
12 VDC

Environmental & Durability Factors

Operating Temperature (°C):
5 to 35

Color Temperature (K):
2800

Operating Humidity:
5–95% without condensation at 40°C

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 250:
Compliant

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.

;