

Fan Cooling Tungsten Light Source

BIM-6210

The BIM-6210 is a fan-cooling tungsten light source with built-in voltage stabilization, delivering highly stable spectral output for visible to near-infrared (VIS-NIR) absorption and reflectance spectroscopy applications.

By inserting different optical filters into the filter slot, users can obtain various monochromatic light outputs. The system also offers expandable configurations with optional accessories—including transmittance modules, reflectance modules, and integrating spheres—enabling a complete spectral analysis solution when combined with a spectrometer.



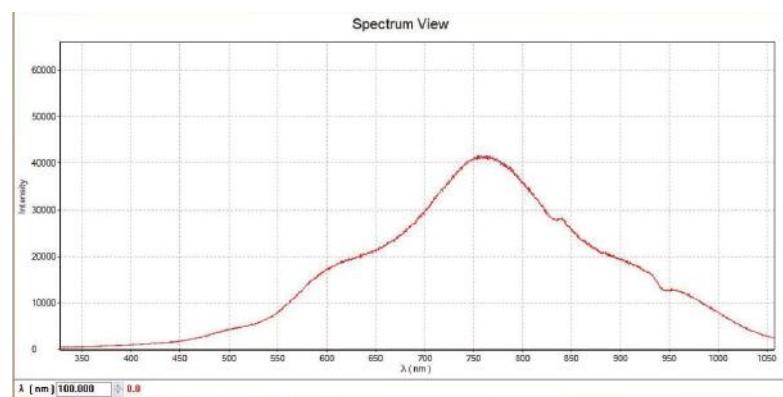
Features

- Fan-cooling with built-in voltage regulation for stable spectral output
- Slot-in design for easy loading of filters or attenuators
- Removable SMA905 fiber connector for flexible connectivity
- Compatible with various accessories, enabling expandable configurations for transmittance, absorbance, and reflectance spectroscopy

Applications

- Standard light source for spectral analysis, including material transmittance, absorbance, and reflectance measurements
- Versatile integration with spectrometers for optical characterization in research and industrial applications

Typical Spectrum



What's included

#	Part Description	Model	Qty.
1	Fan Cooling Tungsten Light Source	BIM-6210	1
2	Power adapter, 15VDC, 2A	BC-105211	1

Specifications

Model	BIM-6210
Wavelength Range	400 nm-2000 nm
Ideal Spectrum Range	500 nm-900 nm
Lamp	10W, 2000hours (typical)
Power Supply	15VDC, 2A
Cooling	Fan
Size	110mm×90mm×52.5mm

Dimensions (mm)

