

Low Pressure Sodium Light Source

BIM-6251

Low-pressure sodium (LPS) lamp, a traditional standard light source, is known for its reliability and stability. It emits a distinct line spectrum at specific wavelengths, making it suitable for wavelength calibration in instruments such as monochromators and spectrophotometers. The sodium doublet (D-line) is particularly useful for checking monochromator resolution and other applications requiring line spectrum sources.



Features

- Flexible and adjustable lamp shade
- Easy bulb installation and replacement
- Stable light emission
- Distinctive characteristic wavelengths

Applications

- Wavelength calibration: For spectrophotometers, monochromators, and other spectral instruments.
- Optical testing light source: Suitable for interferometers, refractometers, and precision optical measurements.
- Optical resolution verification

What's included

#	Part Description	Model	Qty.
1	Low-pressure Sodium Light Source	BIM-6251	1
2	Power cord	BC-105075	1

Specifications

Model	BIM-6251
Characteristic spectrum	589nm,589.6nm
Optical Coupling Mode	Free-space light output
Output Power	20W
Power Supply	220 VAC
Lamp Type	Sodium lamp
Replacement Method	Designed for easy replacement
Sodium Lamp Lifetime	200 hours
Light Source Housing Size	60*60*216mm
Base Size	Φ150mm
Power supply size	190x120x65mm

Dimensions (mm)

