

# Miniature Deuterium-Tungsten Light Source

**BIM-6213**

BIM-6213 is a miniature Deuterium and tungsten halogen light source that covers the 200-1100nm range (UV-VIS-NIR). The light source combines the Deuterium Spectrum with the Tungsten spectrum to form a single optical path. Both the deuterium lamp and the halogen tungsten lamp can be turned on or off independently and are equipped with a shutter control. The BIM-6213 features a small size, making it ideal for space-constrained applications.



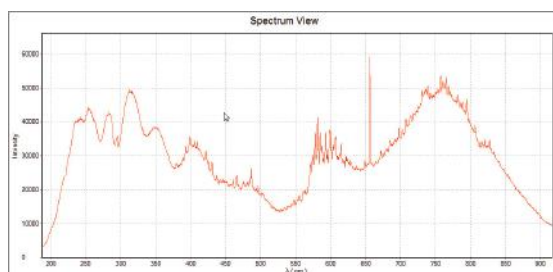
## Features

- Compact structural design, ideal for space-constrained applications
- Broad spectral range: 200–1100 nm
- Independent on/off control for deuterium and tungsten lamps
- Built-in shutter with TTL control

## Applications

- Reference light source for transmittance, absorbance, and reflectance measurements
- Provides stable UV-Vis-NIR irradiance

## Typical Spectrum



Measured by 200-900nm spectrometer

## Specifications

Model	BIM-6213
Wavelength Range	200 nm-1100 nm
Power Consumption	6W
Power Supply	12VDC, 0.6A
Shutter	Built-in
External Control	ON/OFF independently Shutter open/close
Fiber Connector	SMA905
Deuterium Lamp	Wavelength range: 200nm-400nm
	Lifetime: $\geq 1000\text{h}$
Tungsten lamp	Wavelength range: 400nm-1100nm
	Lifetime: $\geq 2000\text{h}$
Size	180*120*60mm

## Dimensions (mm)

