High-intensity Tungsten Light Source

BIM-6208

The BIM-6208 represents a high-intensity tungsten illumination Light Source with spectral coverage spanning the visible to near-infrared spectral range. The Light Source used a gold-coated reflector assembly as standard configuration, achieving superior radiant flux conversion efficiency.

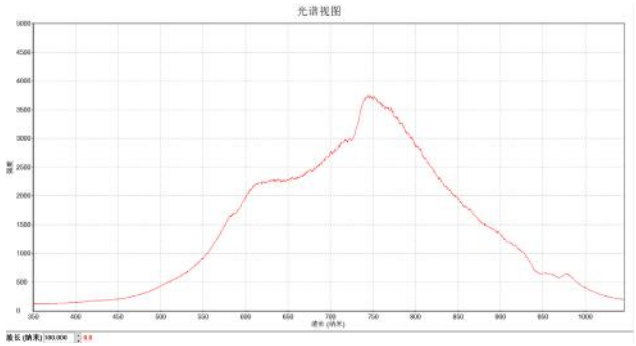
Key Features

- Radiant Power Output: ⩾ 50W maximum
- Optical Power Stability: ⩽ 0.5% (typical)
- Control Interface: Supports remote power modulation via external control signals
- Output: Compatible with both fiber-coupled and free-space beam delivery
- Maintenance: Lamp replacement mechanism for enhanced serviceability

Applications

- Photochemical experiment
- Photoelectric device characteristic test
- Research on solar cells
- Biological illumination and catalysis
- Absorption and fluorescence spectrum test

Typical Spectrum



Specifications

Model	BIM-6208
Wavelength Range	300~2500nm
Lamp Power	150 W
Max Radiation Power	⩾ 50W
External Remote Control	Analog signal control 0V~10V PWM signal control 0V/10V (L/H)
Power Stability	⩽ 0.5%
Average Lifetime	500h
Input Voltage	200~240VAC
Dimensions	275×115×170 mm

Dimensions (mm)