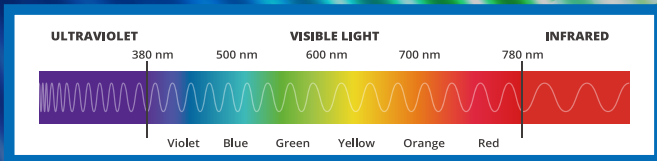
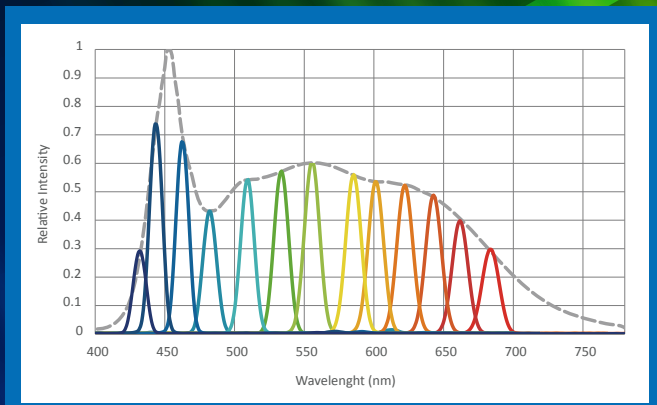


Variable Wavelength Light Source Unit

Programmable & variable wavelength light source.
 High throughput and high resolution.
 High-speed wavelength scanning.



Applications

Machine Vision, Color and Spectrum Analysis

Fluorescence Microscope

Raman Spectroscopy

Optical Coherence Tomography (OCT)

Quantum Efficiency & Film Thickness Measurement

Specifications

Spectral Range	425nm ~ 780nm (Peak Wavelength)
Spectral Bandwidth (FWHM)	10nm ~ 15nm
Spectral Resolution	5nm per step
Spectral Accuracy	±1nm (Peak Wavelength)
Full Beam Angle	~7° (±3.5°)
Luminance	Up to 15000 lx at 555nm (spectrum dependent) @ light source outlet
Light Output Intensity Range	4096 steps
Scan Speed	100nm / sec.
Lamp Lifetime	> 50000 hours (LM-80 : L70/B50)
Available Light Guide Adaptor	Bestintech / Moritex / Sumita / Hayashi / Customized available
Interface Connectors	USB 2.0 (Virtual COM Port)
Input Voltage and Power	90 to 264 VAC at 47-63Hz, 300W max.
Dimensions	193(W. max.) x 260(L. max.) x 180(H. max.) mm

