

**OL 490**  
**Agile Light Source**  
**Documentation Modification Notice**  
**OL 490-NIR Agile Light Source**  
**NIR Spectral Range (760 nm to 1600 nm)**

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The following specifications apply to the OL 490-NIR Agile Light Source:

Output Power (*350 μm slit, all mirrors on, new lamp, 760nm to 1600 nm*) ..... ~85 mW  
Wavelength Resolution ..... 0.83 nm  
Spectral Range ..... 760 nm to 1600 nm  
Spectral Accuracy (*typical, 350 μm slit*) ..... ± 2 nm  
Minimum Optical Half-Bandwidths:  
    150μm slit ..... ~10 nm  
    350μm slit ..... ~20 nm  
    500μm slit ..... ~30 nm  
    750μm slit ..... ~40 nm  
Output Spot Size ..... 5 mm

**OL Series 490-7L-IR Liquid Light Guide**

Type ..... Single-branch liquid light guide  
Numerical Aperture ..... 0.52 (f/0.96)  
Cone Angle ..... 62 degrees  
Wavelength Transmission Range ..... 420 nm to 2000 nm

Model No:	Length	Core Diameter	Bend Radius
OL 490-7L-IR-5-1.0 (standard)	1 m	5 mm	3.0 inches (7.62 cm)
OL 490-7L-IR-5-3.0 (optional)	3 m	5 mm	3.0 inches (7.62 cm)

