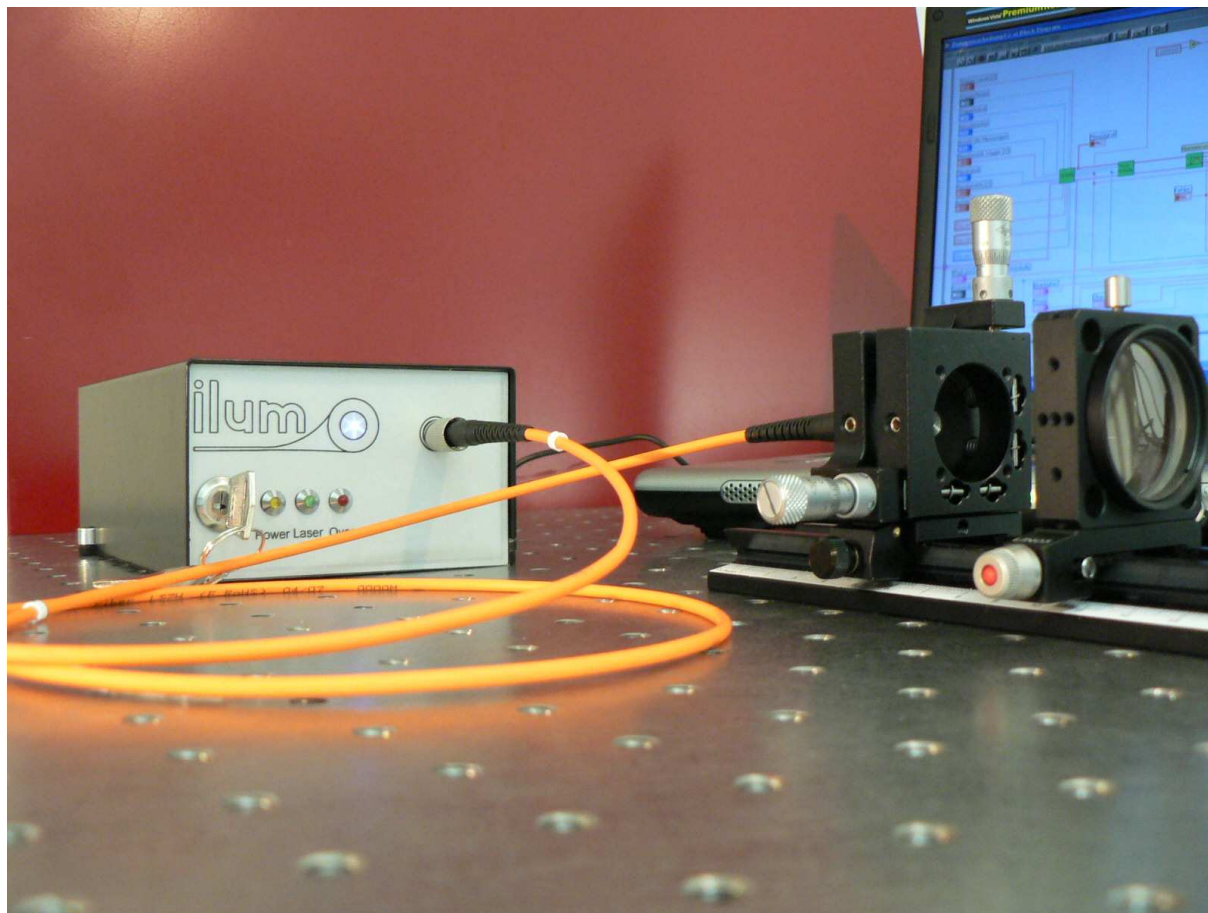


Product Information Sheet ILUM 100 USB 2™



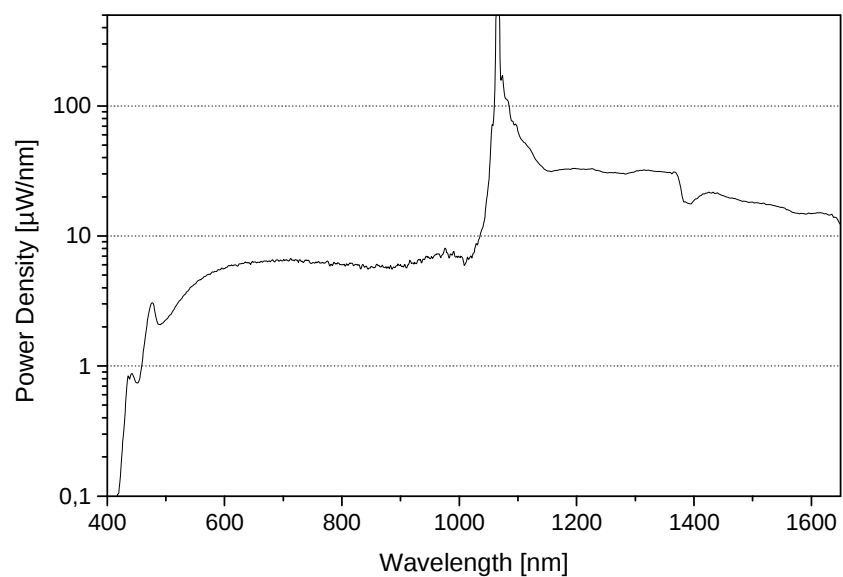
Key features:

- flat super continuum from 400 nm up to 1650 nm
- highly stable pulses typ. < 1 ns
- repetitions rate up to 8 kHz (Lab View controlled)
- averaged output power >20 mW
- high brightness, single mode
- **ultra compact design: 150 mm x 100 mm x 60 mm**
- fits to standard optical components and 25 mm boards
- stand alone or Lab View controlled via USB 2
- no cooling required
- 12 volt socket power supply

Applications:

- fiber or optical components attenuation measurement
- Spectroscopy
- Flow Cytometry
- Interferometry
- LIDAR
- OCT and confocal microscopy

Spectrum



Ilum100 USB 2TM specifications

Parameter	Values
spectral bandwidth	400nm – 1650nm
spatial profile	LP ₁₁ -mode (in the visible range)
total average power (400nm – 800nm)	>1,8 mW
total average power (400nm – 1650nm)	>25 mW
repetitions rate	< 8 kHz
pulse width Laser	< 1 ns
Fiber coupled output	yes
Output polarization	Depolarized
power stability at 30 min	± 0,1 dB
Computer interface	USB

