

# SuperK™ COMPACT

*The ideal general purpose broadband source*

- Cost efficient supercontinuum fiber laser
- Industrially reliable, long lifetime performance
- Visible to IR light in one table-top module
- Flexible accessory range
- Single light source for all your wavelength needs



The SuperK™ COMPACT is a turn-key supercontinuum white light source with a wide output spectrum, reducing the need for multiple light sources.

The complete stand-alone unit, allows easy interfacing to any fiber or component under interrogation, with a collimated or connectorised end fiber solution.

The SuperK™ COMPACT easily interfaces with the SuperK SPLIT and SuperK Fiber Delivery accessory range, to give flexible fiber and wavelength interfacing.

#### Optical specifications

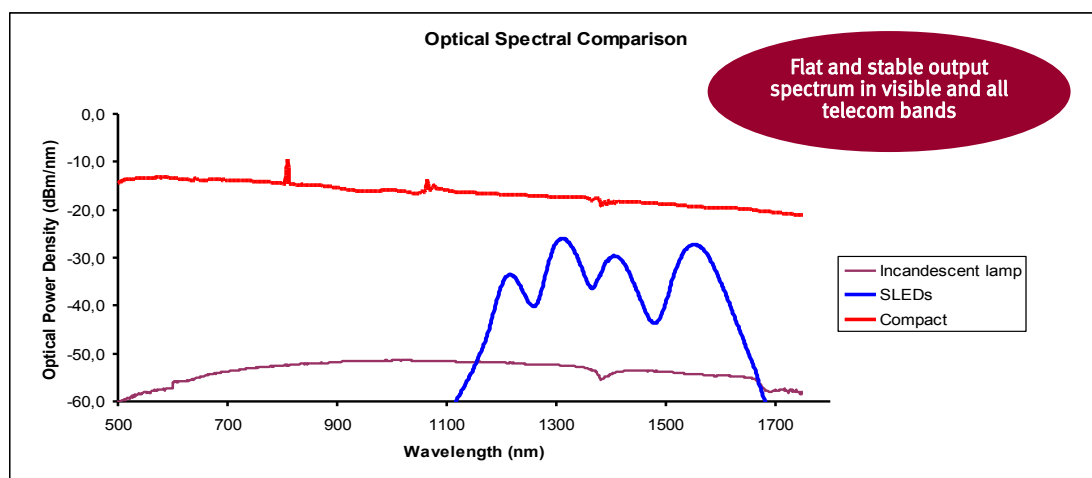
Optical Spectral Range	From 500 to 2400nm
Total avg. output power	100mW
Power density (500-1750nm)	> -22 dBm/nm
Average power stability	± 0.2 dB
Repetition rate (typical)	24kHz
Master Source Pulse width	~1 ns
Output Fiber mode	Single mode

#### Examples of applications

- Optical fiber characterization
- CWDM/DWDM Component test
- Fiber and grating test system
- Spectroscopy
- Optical Coherent Tomography (OCT)
- Wideband ASE source alternative
- 3D-displacement systems
- Biotech applications

#### Other specifications

Power supply requirements [V]	90-240 V;50-60 Hz
Computer interface	USB
Synchronization output port	BNC
Connectors	FC or collimator
Mechanical Dimensions (HxWxD) [mm]	140x350x236
Operating temperature range [°C]	20-30
Storage temperature range [°C]	15-45



Specifications are subject to change without notice. Jan 2011  
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