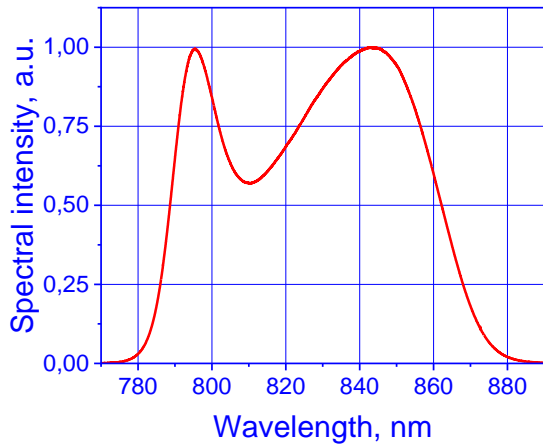
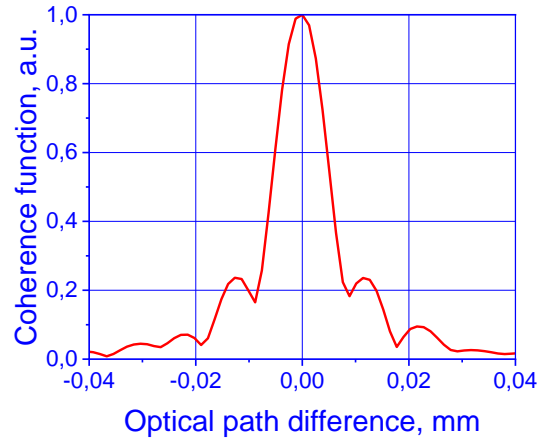


TYPICAL PERFORMANCE EXAMPLES

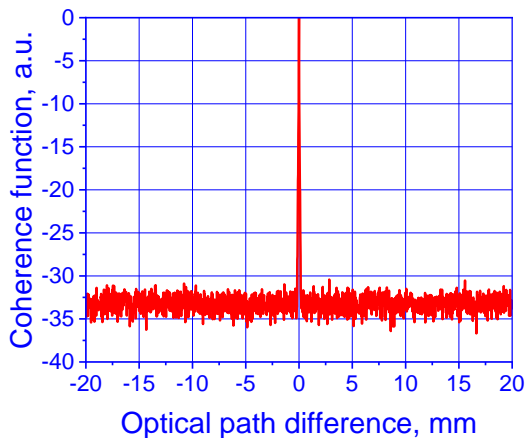
Spectrum at 15 mW SMF



Coherence function at 15 mW SMF



Coherence at 15 mW output (extended plot)



Optical Parameters			Other specs	
Parameter	Rated	Actual	Operating temperature range, °C	+5...+35
SM fiber output power, mW	>12	15.0	Physical dimensions, mm:	190x110x31
Mean wavelength, nm	832±5	830.1	Weight, kg	0.95
3 dB spectrum width (SW), nm	>68	73.0	Optical Output	FC/APC socket
Spectral flatness, dB	<=2.7	2.4	Fiber	Corning HI 780
Maximum spectral ripple, %	<5	0.3	DC supply voltage, V	9.0-15.0, 12 VDC recomb.
Long-term drift, %*	<1.0	0.6	DC supply current max., A	1 A (at 12 VDC)
Short-term drift, %**	<0.5	<0.5		

* 8 h, measurements every minute, 100 ms integration.

** 15 minutes, measurements every second, 100 ms integration. All measurements after 1 h warm-up. Ambient temperature 22±1 °C.

**The following marking should be used for ordering:
P/N(type of fiber)**

Examples: SLD-cBLMD-S830.70.15S-I – as rated above, SMF pigtail, FC/APC.

PMF-based light source modules are available upon request. Email sales@superlum.ie for more details.