

High Output Power, Wide Optical Spectrum, Low-noise

Parameter	Min	Typ	Max
SM fiber output power – full power mode, mW	5	7.5	-
SM fiber output power – low power mode, mW	1*	-	-
Mean wavelength, nm	920	930	940
3 dB (FWHM) spectrum width, nm (full power)	90	100	-
Residual spectral modulation index (0.05 nm resolution), %	-	2.0	5.0
Output isolation	Also available with Built-in optical isolator		
Fiber	SM, Corning Puremode HI-780		
Output connector	FC/APC		
Long-term stability, %**	±0.5%		
Short-term stability, %***	±0.1%		

\* other upon request

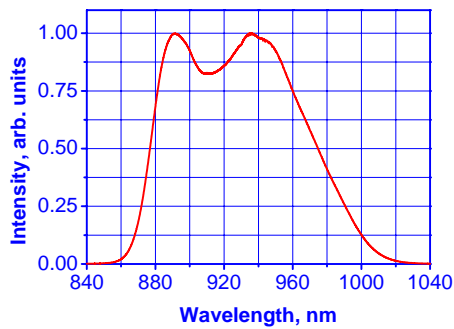
\*\* 8 hours, measurements taken every minute, 100 ms integration.

\*\*\* 15 minutes, measurements taken every second, 100 ms integration.

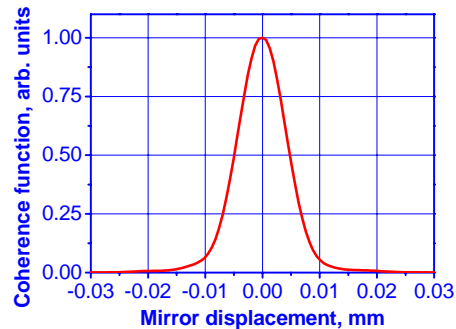
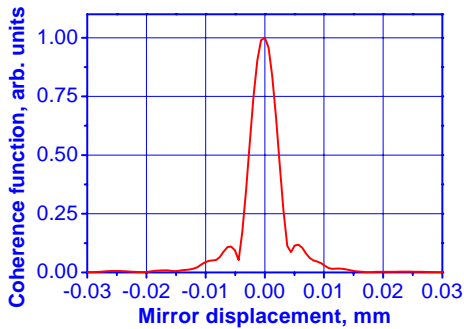
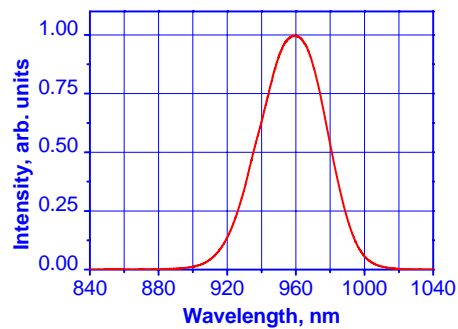
All measurements were taken after a one-hour warm-up period at ambient temperature 22±0.5 °C.

Optical Spectrum and Coherence Function

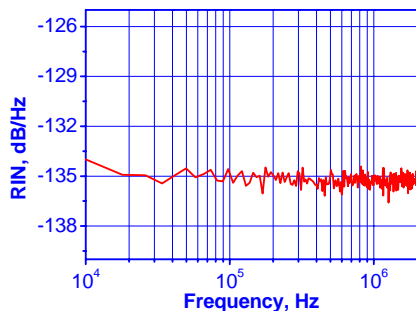
Full Power Mode



Low Power Mode



Typical RIN



All specifications are subject to change without notice.

For more details check

[http://www.superlumdiodes.com/s\\_broadlighters.htm](http://www.superlumdiodes.com/s_broadlighters.htm)