

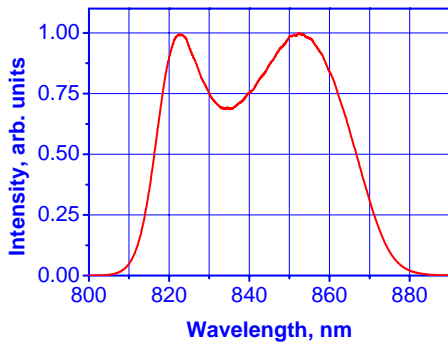
High Output Power, Wide Optical Spectrum, Optically Isolated, Low-noise

Parameter	Min	Typ.	Max
SM fiber output power – full power mode, mW	15	-	-
SM fiber output power – low power mode, mW	1*	-	-
Mean wavelength, nm	830	840	850
3 dB (FWHM) spectrum width, nm (full power)	45	50	-
Spectral Flatness, dB	-	-	2.0
Residual spectral modulation index (0.05 nm res.), %	-	2.0	5.0
Output isolation	Built-in optical isolator (-30 dB)		
Fiber	SM, Corning Puremode HI-780		
Output connector	FC/APC		
Long-term stability, %**	±0.5%		
Short-term stability, %***	±0.1%		

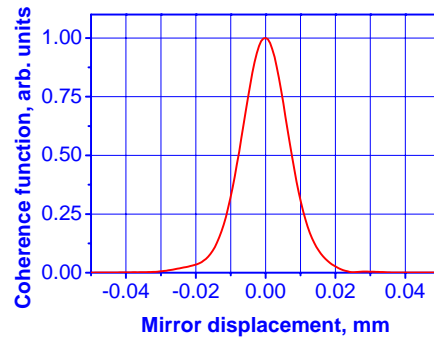
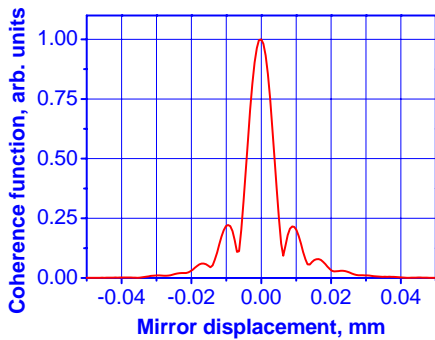
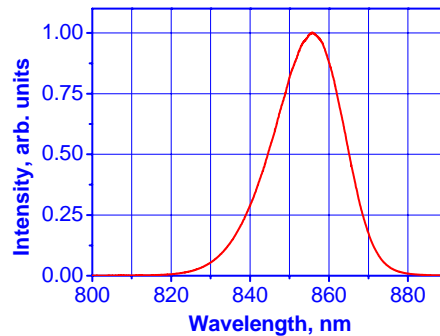
* other upon request. ** 8 hours, measurements taken every minute, 100 ms integration. *** 15 minutes, measurements taken every second, 100 ms integration. All measurements were taken after a one-hour warm-up period at ambient temperature 22±0.5 °C.

Optical Spectrum and Coherence Function

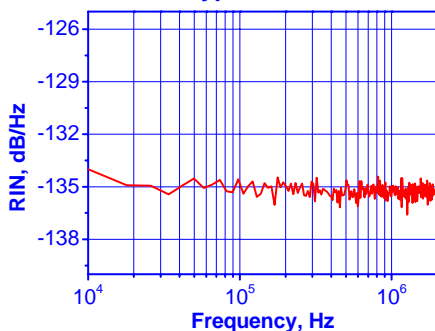
Full Power Mode



Low Power mode



Typical RIN



All specifications are subject to change without notice.
 For more details check http://www.superlumdiodes.com/s_broadlighters.htm.