

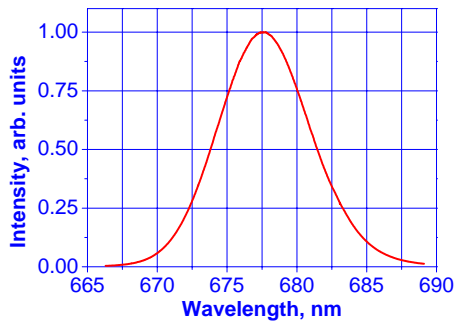
**High Output Power, Gaussian-like Optical Spectrum,
Optically Isolated, Low-noise**

Parameter	Min	Typ.	Max
SM fiber output power – full power mode, mW	4	5	6
SM fiber output power – low power mode, mW	1*	-	-
Mean wavelength, nm	670	680	690
3 dB (FWHM) spectrum width, nm (full power)	7	8.5	11
Residual spectral modulation index (0.05 nm resolution), %	-	2.0	5.0
Output isolation	Built-in optical isolator (-30 dB)		
Fiber	Standard SM 4/125		
Output connector	FC/APC		
Long-term stability, %**	±0.5%		
Short-term stability, %***	±0.1%		

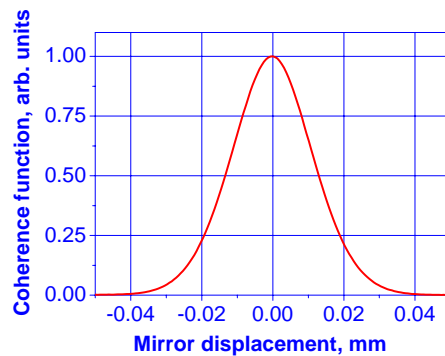
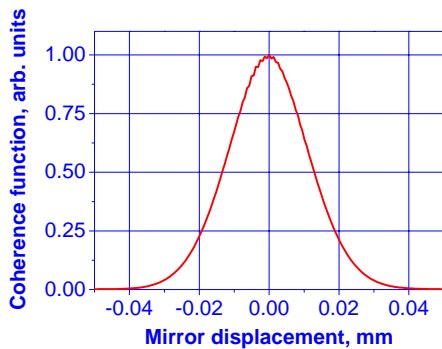
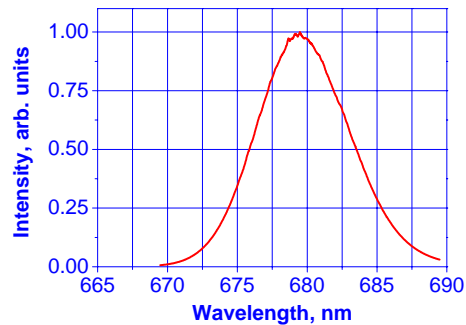
* other upon request. ** 8 hours, measurements taken every minute, 100 ms integration. *** 15 minutes, measurements taken every second, 100 ms integration. All measurements were taken after a one-hour warm-up period at ambient temperature (22±0.5) °C.

Optical Spectrum and Coherence Function

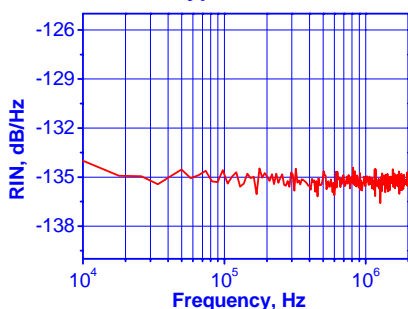
Full Power Mode



Low Power mode



Typical RIN



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