

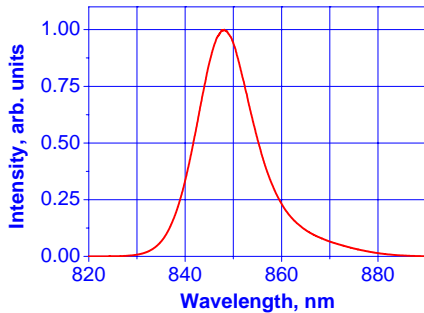
**High Output Power, Gaussian-like Optical Spectrum,  
Optically Isolated, Low-noise**

Parameter	Min	Typ.	Max
SM fiber output power – full power mode, mW	15	20	-
SM fiber output power – low power mode, mW	1*	-	-
Mean wavelength, nm	845	850	855
3 dB (FWHM) spectrum width, nm (full power)	10	15	-
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%		

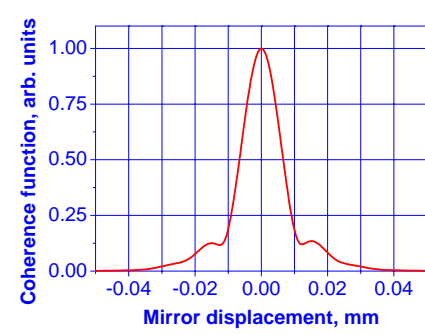
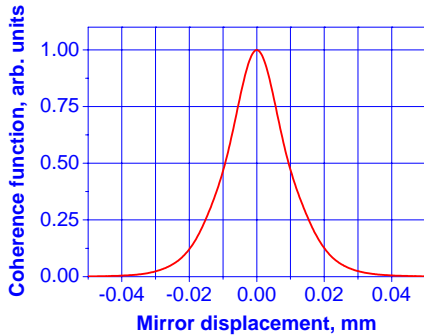
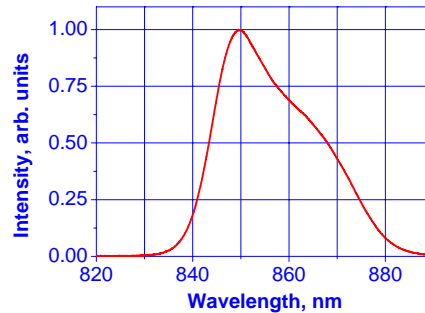
\* other upon request. \*\* 8 hours, measurements taken every minute, 100 ms integration. \*\*\* 15 minutes, measurements taken every second, 100 ms integration. All measurements were taken after a one-hour warm-up period at ambient temperature 22±0.5 °C.

**Optical Spectrum and Coherence Function**

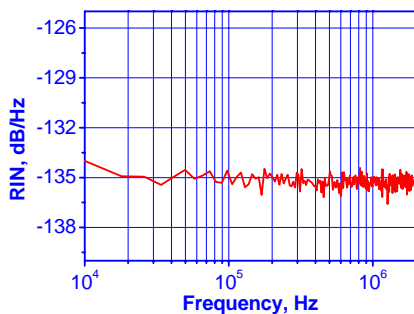
**Full Power Mode**



**Low Power mode**



**Typical RIN**



All specifications are subject to change without notice.  
For more details check [http://www.superlumdiodes.com/s\\_broadlighters.htm](http://www.superlumdiodes.com/s_broadlighters.htm).