

## High Output Power, 170 nm FWHM Optical Spectrum

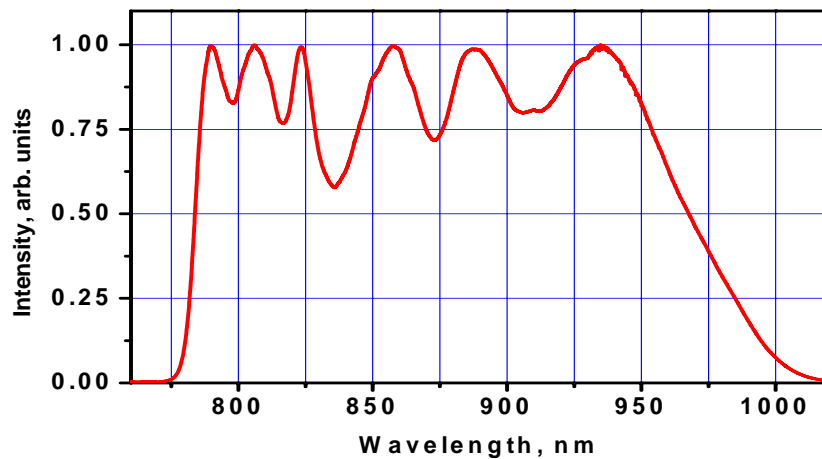
### T870-HP: Optical Performance Parameters

Parameter	Min	Typ	Max
SM fiber output power, mW	5.0	8.0	-
Mean wavelength, nm	-	870	-
3 dB (FWHM) spectrum width, nm	170	-	-
Residual spectral modulation index (< 1nm period ), %	-	2.0	5.0
Spectral flatness, %	-	-	45
Long-term stability, %*	±0.5	-	-
Short-term stability, %**	±0.1	-	-

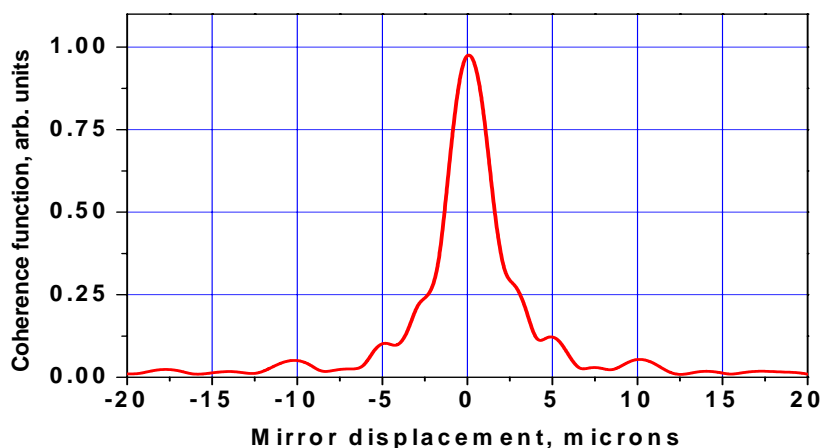
\* 8 hours, measurements taken every minute, 100 ms integration.

\*\* 15 minutes, measurements taken every second, 100 ms integration. All measurements were taken after a one-hour warm-up period at ambient temperature ( $22 \pm 0.5$ ) °C

### Optical spectrum



### Coherence function



Mirror displacement = Optical path difference / 2. Spatial resolution of measurements is 0.5 microns.

### Other specifications

**Supply:** 110 V AC or 220 V AC, 40-60 Hz  
**Operating temperature range:** from 0 °C to +40 °C  
**Output:** FC/APC, **Fiber:** Corning Puremode 750

**All specifications are subject to change without notice.**  
 $10^{-3}$  maximum feedback is allowed to run Broadlighter safely at full power.