

**Applications:**

- optical coherence tomography
- optical metrology
- optical measurements

**Features:**

- wide optical spectrum
- high output power
- high stability
- low noise

**Specifications:**

Parameter	Category	Min	Typ	Max
SM fiber output power, mW	MP	1.5	2.0	-
	HP	4.0	5.0	-
Mean wavelength, nm	D1460	1440	1460	1480
	D1500	1480	1500	1520
	D1550	1530	1550	1570
3 dB (FWHM) spectrum width, nm	D1460, D1500	60	70	-
	D1550	75	85	-
	All	-	0.2	0.5
Maximum spectral ripple (0.05 nm resolution), dB	All	-	-	1.0
Spectral density within 3 dB BW, dBm/0.1 nm	MP	-25	-	-
	HP	-22	-	-
Long-term stability, %*	All	±0.5		
Short-term stability, %**	All	±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 ± 0.5) °C.

**Other specifications:**

**Power requirements:** 110 V AC or 220 V AC, 50/60 Hz

**Operating temperature range:** 0 °C to +40 °C

**Output:** FC/APC

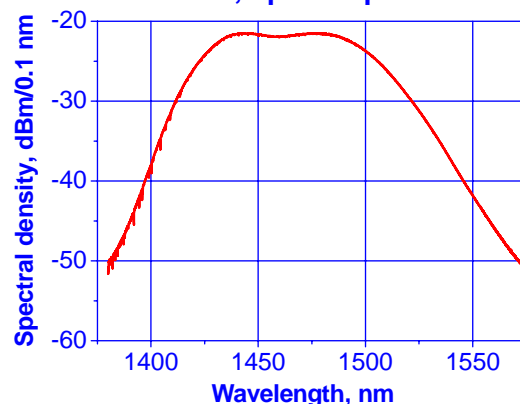
**Fiber:** Corning SMF 28

10<sup>-3</sup> maximum feedback is allowed to run Broadlighters D1460, D1500, D1550 safely at full power.

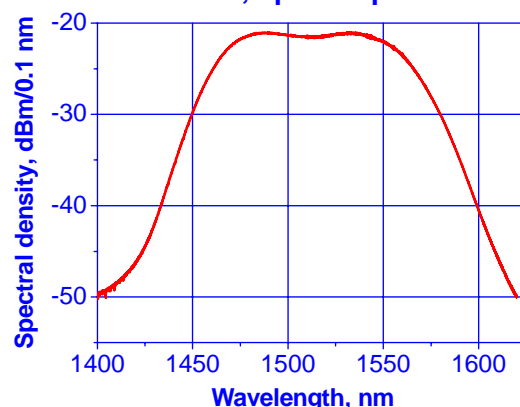
All specifications are subject to change without notice

**PERFORMANCE EXAMPLES**

**D1460, optical spectrum**



**D1500, optical spectrum**



**D1550, optical spectrum**

