

[OEBS-SOA]

(SOA based)

## Broadband Light Sources



OEBS-SOA, without current display

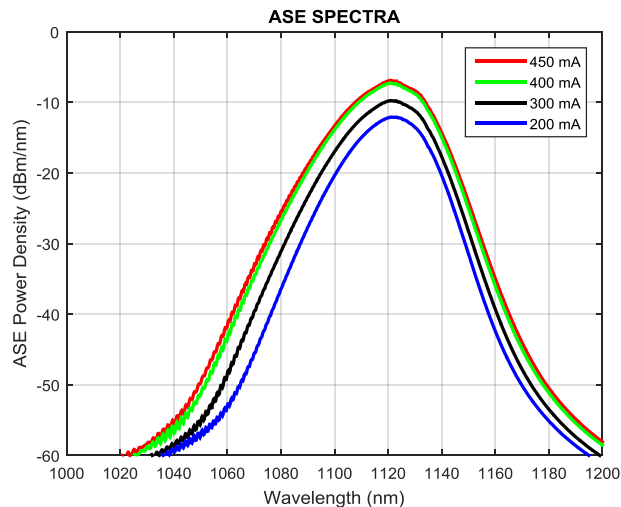


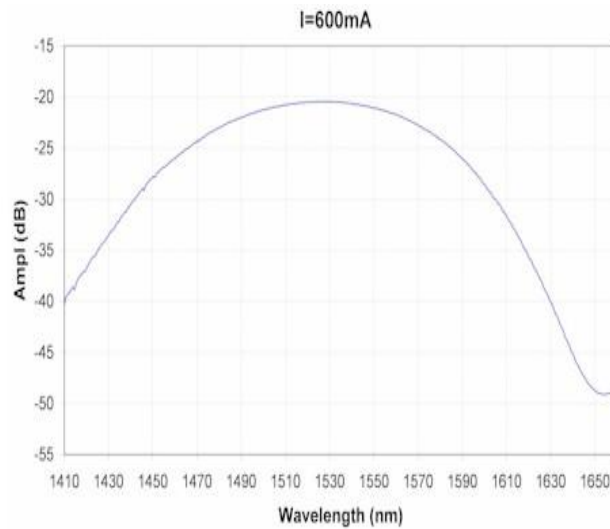
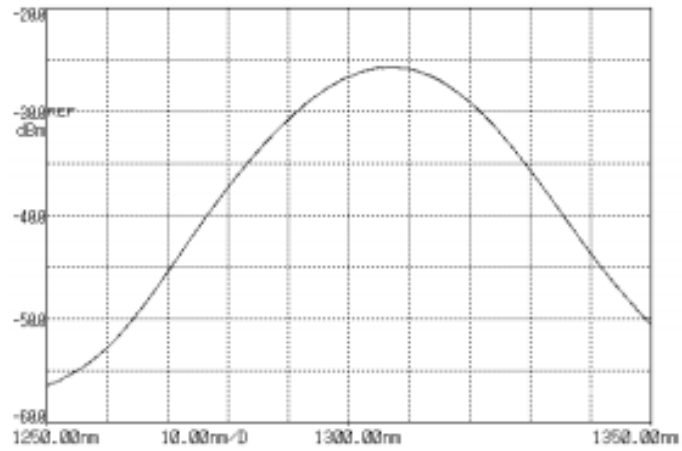
OEBS-SOA, with current display

### Product description:

The OEBS-SOA Broadband Light Source is based on the Semiconductor Optical Amplifier. The SOA light source provides ultra wide bandwidth, good stability and small ripple. It is good performance light source. It comes with polarized or unpolarized output. OEBS-SOA is the basic model with fixed-power output; The current display has additional output power adjustment and power/current display functions. O/E Land Inc. makes SOA light sources at various bands from 780 to 1550 nm.

Band (nm)	Bandwidth (nm, Typical, -30dB)	Output power (mW, Typical)	Power stability (dB)
780	10	>3	< 0.05
840	10	>3	< 0.05
920	30	>3	< 0.05
960	40	>5	< 0.05
1030	20	>5	< 0.05
1310	60	>5	< 0.05
1550	30	>10	< 0.05





Ordering number:

<b>OEBS-SOA-WL-BW-P:</b>	WL	BW	P
	Band	Bandwidth (nm)	Output power (mW)
Example:	OEBS-SOA-1030-20-5		