

[OEBLS-100]

(ASE based)

## Broadband Light Sources (700 nm)

### Features:

- Wide wavelength range
- ASE
- Low noise
- Turn-key solution
- Cost effective solution

### Applications:

- Polarization measurement
- Components/modules testing
- Optical Fiber Sensors
- Biomedical Applications

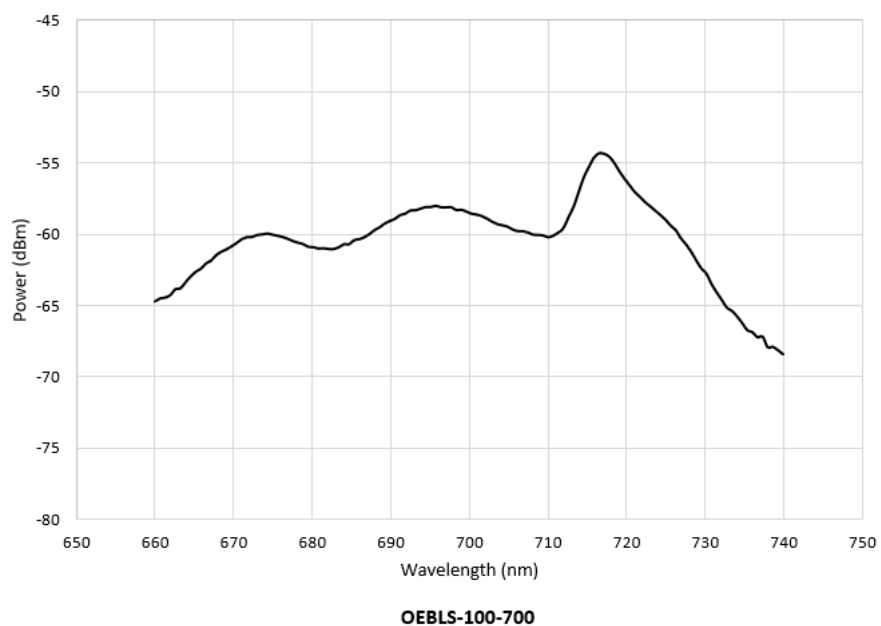


OEBLS-100

### Product description:

OEBLS-100 is a Broadband Light Sources (CW) based on the Amplified Spontaneous Emission (ASE) principle that uses a laser to pump a Praseodymium (III) fluoride ZBLAN fiber. The broadband light source with output power of few mW can be used for testing optical components, gas sensing, as well as biomedical applications.

Parameter	Unit	OEBLS-100-700
Center WL	nm	700
Bandwidth (-10 dB)	nm	> 60
Output power	mW	> 5
Power stability	%	5
Polarization state	-	Random; Linear
Output fiber type	-	HP; PM
Connector	-	FC/APC; custom
Operating temperature	°C	10-50
Dimensions (Turn-key)	mm <sup>3</sup>	70 x 190 x 310



Ordering number:

<b>OEBS-100-WL-P:</b>	<b>WL</b>	<b>P</b>
	700	Average power (mW)
Example:	OEBS-100-700-5	