

BeST-SLED®

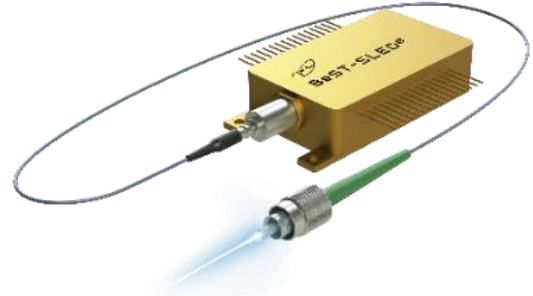
Spectral Configurations

The Luxmux Broadband source (BeST-SLED®) can be configured with up to 6 light sources combined as a single spectrum product. BeST-SLED® is designed to offer up to 19 spectral combinations, which creates a compact and powerful unit that can widen the performance of its intended application use.

Luxmux's Spectral Stitching technique of integrating multiple wavelengths into a single broad spectrum is designed for optimum coupling efficiency into a single mode fiber. This brings exceptional flexibility and usability to the sensing marketplace.

The BeST-SLED® product lines can be spectrally tailored to suit specific application needs and offer excellent back reflection immunity, better than 35dB. This provides extremely high stability, making these sources ideal for optical component testing, as a seed light source for:

- Optical component Testing
- Telecom Test Equipment
- Optical Coherence Tomography
- Optical Sensing
- White Light Interferometry
- Research and Development



SPECTRAL COMBINATIONS BASED ON SLED SELECTION

