

PRODUCT ANNOUNCEMENT

NEW 750 nm Superluminescent Light Emitting Diode SLED Line

Schlieren, Switzerland, August 8, 2006. EXALOS has extended its family of powerful Superluminescent Light Emitting Diodes (SLEDs) with the new 750 nm Line. SLEDs are semiconductor light sources that combine the spatial coherence of a laser diode with the temporal incoherence of an LED.

EXALOS SLEDs at 750 nm are especially suited for optical coherence tomography (OCT) and biomedical applications thanks to their high output power and large bandwidth, and high suppression of second coherence peaks. Their spectra show a clean Gaussian shape with very low ripple values. The advantages of SLEDs result in high resolution and fast scan times.

Typical values for the EXS7505-1411 are 3.0 mW optical output powers in a single mode fiber and 21 nm 3dB spectral bandwidth. The EXS7510-1411 achieves 5.0 mW optical output powers in a single mode fiber and 14 nm 3dB spectral bandwidth. The standard product is delivered in a 14 PIN DIL housing with built in thermo electric cooler (TEC) and monitor diode. Uncooled devices in TOSA housings are also available. Also suited for biomedical and OCT applications are EXALOS SLEDs at 850 nm and 1300 nm. All devices are based on EXALOS proprietary design. Devices are in production and BELLCORE GR-468-CORE and MIL-STD-883 qualified.

For more information about our SLEDs please visit our website at www.exalos.com or email us at sales@exalos.com. You can also contact our North American office at +1 215 752 2115 and our Headquarters at +41 43 444 60 90.

ABOUT EXALOS

EXALOS AG, an ISO 9001:2000 certified company, is developing and selling SLEDs to the medical imaging, fiber optic gyroscope, test equipment and sensor industries. The Company has its headquarters in Schlieren located in the Greater Zurich Area in Switzerland.

EXALOS has established strategic alliances with technological- and cost leadership partners, with the goal to provide customers with the optimum balance of price, time to market, performance, and size for any given specification. This approach gives EXALOS the flexibility to develop devices as solutions tailored for particular customers and markets.

EXALOS SLEDs currently target specific applications in four major markets:

- > Optical coherence tomography for medical applications such as cornea and retina diagnostics
- > Fiber optic gyroscopes for applications such as avionics, aerospace and navigation
- > Optical channel monitors, chromatic and polarization mode dispersion, and passive components characterization in test equipment for telecom and datacom systems
- > Fiber optic sensors for civil structure monitoring such as bridges and oil pipelines as well as temperature, pressure, and electrical current measurements

Certified ISO 9001 : 2000 by



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