exceet invests in manufacturing for state-of-the-art LED lighting

- High-precision bonding technologies for innovative production of lenses, reflectors and electronic components

Rotkreuz, Ebbs, Nov. 24, 2015 – exceet electronics GesmbH, a member company of exceet Group and specialist for the development and manufacture of complex electronic assemblies, recently went live with a facility for high-precision bonding of electronic components. exceet is thus able to optimally satisfy the rising demand for fittings with high-quality glass lenses and plastic optics in the LED field.

The electronics specialist, based in Ebbs in Tyrol, Austria, has many years of expertise in high-precision manufacturing of maximum-quality electronic assemblies. exceet is now bringing this knowhow to the field of glass lens placement. Investments in the new bonding and positioning line lets exceet mount lenses up to 10 cm in diameter. In LED technology, glass lenses permit particularly high light yields. To satisfy exacting quality demands and precision requirements, the new production facility includes an optical inspection system for automatic 100% quality assurance. exceet is thus able to optimally serve the trend toward high-value, energy-efficient LED lighting for use in industry and the consumer sector.

“The investment in the new production facility lets us access new customer groups and continue to supply our existing customers from industry and the medical sector with innovative, high-quality electronic assemblies”, says Wolfgang Unterlerchner, Managing Director of exceet electronics GesmbH in Ebbs.

Background: LED Technology

LED stands for light emitting diode. The diode consists of semiconductor crystals that generate light in a variety of colors, depending on the semiconductor material and voltage used. Unlike traditional lighting technologies, LEDs can be very compact in design. They are hard-wearing, long-lasting and provide excellent color rendition. Demand has therefore been rising steadily for years. Compared to plastic lenses, the use of glass lenses enables improved focusing of the light emitted by the crystals, delivering higher light yields while keeping energy consumption low. High-quality glass lenses, e.g. lenses with a precise optical axis, can further boost light yields and energy efficiency. High-grade lens manufacturing also permits more even illumination and thus contributes to the high overall quality of the LED systems.

Image material attached, further material available on request

About exceet Group
exceet is an international technology group specializing in intelligent electronics, complex and reliable electronics.

About exceet electronics
exceet electronics is a full-service provider for development and production of complex electronic modules, components and systems for the industrial and medical technology field.

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