Press Release

light+building 2018: euroLighting in hall 4.1, booth K49
Two main fields in focus: Sunlight-similar light emitting diodes and AC-technology

Nagold, January 12th 2018 – At the light+building 2018 trade show in Frankfurt, Germany, euroLighting is presenting themselves with a totally new booth concept structured according to their two main fields of focus: Sunlight-similar light emitting diodes and LED products in AC-technology. These two fields build the basis for numerous application possibilities.

The first field encompasses the light emitting diodes with sunlight-similar spectrum produced by the company Allix in Korea. They have a CRI of 98 and are now available as SMD-chips as well as chip-on-board-LEDs (COB) and can be ordered directly from euroLighting. Next to the standard-LEDs in the series Xenoled I and Xenoled II LEDs of the series XenoSun (Allix TM) are now available. The LEDs correlate to the spectrum of the sun’s light as well as to the standard CIE D65 und basically represent the average daylight.

At the exhibition euroLighting will further present a special type of this Allix Xenoled II. This reproduces the McCree curve (patent pending 2017), which is crucial for the growth of plants. A comparison shows that the green spectrum (500nm bis 600nm) is almost exactly as effective as the blue spectrum (400nm bis 500nm) and the red spectrum (600nm bis 700nm), in triggering the process of photosynthesis.

The second field encompasses products in AC technology, produced by RFsemi and distributed by euroLighting in Europe.
Innovations presented at the fair include Dim-to-warm- and Tunable White-Modules (DMV) as well as flicker-free LED modules. A specially developed circuit board contributes to the smoothing and prevents flickering.

Out of these two main fields products which will be exhibited, including a retrofit screw-in lamp with sunlight-similar spectrum and E27 socket (6-15W), further T8-tubes, which replace existing KVG and EVG tubes without the necessity of re-wiring of the existing power-supply unit. euroLighting also introduces ceiling panels with sunlight-similar spectrum in the sizes 60x60cm and 30x120cm.

Particularly interesting for communities is the novelty in the field of street lamps: Street Lamps with an integrated night setback which makes central systems superfluous. This innovation lets communities save substantial investment costs. Every LED retrofit lamp has an autonomous circuit with night setback and reduce the light intensity in the option of one or two steps at specified times. Finally the overvoltage protection was increased from 6kV to 10kV/10kA.

Pictures (Source: euroLighting):

The grafic depicts the light spectrum of Allix XenoSun (TM) as well as Xenoled II in special edition 4500K.
The Dim-to-warm-Modul DMV-7001-2023 distributed by euroLighting includes light emitting diodes in the colour temperatures of 2700K and 6500K.

euroLighting offers LED-screw in lamps with an autonous circuit for night setback for street lamps.

###

**About euroLighting (www.eurolighting.de):**

euroLighting GmbH, based in Nagold, Germany, concentrates its development and marketing activities in driverless AC technology. LED modules in this new AC technology are suitable for installation in luminaires und do not require conventional power supply. The product portfolio comprises different forms of modern LED illuminates, including street lamps, replacement for HQL lamps, LED tubes for KVG and EVG as well as LED panels. All products are delivered in the newest AC technology.

**Contact:**
euroLighting GmbH, Hauptstraße 56, D-72202 Nagold;
Tel.: +49 (0)7452-6007-966, info@eurolighting.de