

YOUR LIGHTING SOLUTION



www.lumitech.com



We take pride in developing and delivering the world's most
innovative lighting solutions.

LUMITECH



**PROUD
TO FIND
THE BEST
SOLUTION**

Dr. Stefan Tasch
CEO and Founder

LUMITECH

WE HAVE BEEN REVOLUTIONIZING LIGHT FOR MORE THAN 25 YEARS

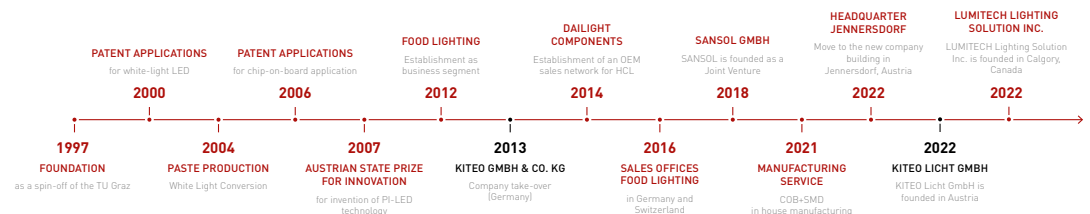
Working today on the sustainable lighting technologies of tomorrow: LUMITECH has devoted itself to this very principle since its foundation in 1997 in Jennersdorf, Austria.

LUMITECH is the driving force in the LED light sector and has achieved a pioneering role thanks to its comprehensive scientific and practical know-how about the effects of light on people.

LUMITECH primarily supports companies in the lighting industry, retail and wholesale but is also a reliable sought-after partner for highly-specialized custom LED solutions in other applications.

LUMITECH has extensive expertise in the field of LED technology across all stages for adding value, and was honored with the **Austrian National Innovation Award in 2007 for developing PI-LED**. If you add up the total amount of time spent on research carried out by the individual LUMITECH LED experts, then you will reach the impressive figure of 130 years.

LUMITECH stands for the best white light quality, high color reproduction, specific color points, great efficiency, 100% reliability and maximum flexibility. In order to meet the company's high quality standards, LUMITECH relies on **exclusively European production**. LUMITECH is already thinking about sustainable solutions for tomorrow, and continuously develops its LED portfolio for commercial refrigeration appliances and linear shelf lighting, so that it can continue to offer the perfect solution for all requirements in the future.



LUMITECH

OUR COMPETENCES

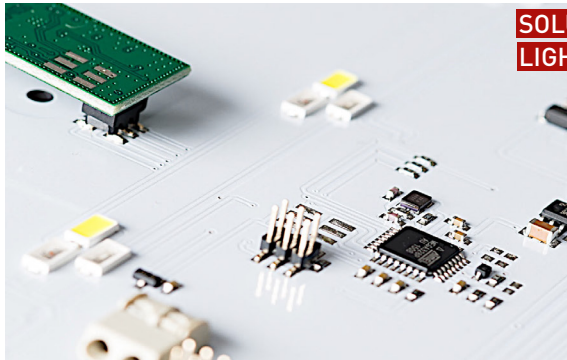


A deep technological competence (engineered in Austria) as well as an excellent manufacturing know how and outstanding logistic (made in the European Union) makes LUMITECH special:



SOLUTIONS FOR REFRIGERATION AND SHOPFITTING

We understand what the retail consumer expects and what he dislikes.
We increase the shelf time of fresh food products.
We offer the best standard portfolio and individual solutions as well as IOT.
We support the Design In at retailers.



SOLUTIONS FOR LIGHTING OEMs

PI-LED as the leading technology for Human Centric Lighting.
Individual design-in support.
Comprehensive PI-LED portfolio based on PI-LED panels, modules, converters & controls + IOT.
IP rated product portfolio for linear architectural lighting.
We support the design in at lighting designers and architects.



TAILOR-MADE LED LIGHTING SOLUTIONS FOR TECHNICAL LIGHTING

Flexible and **individual** chip on board solutions.
Customer-specific LED technologies for state-of-the-art industrial applications or **tailor-made** SMT & COB solutions are made from efficient LED chips and top-quality phosphors.

REDUCE OVERALL COSTS WITH LUMITECH LED-LIGHTING

LUMITECH qualifies to present food in the best light while at the same time reducing overall costs thanks to lower energy consumption, lower power consumption for cooling capacity and an increased product safety for fresh products it is possible.

- ▶ **LOWER ENERGY CONSUMPTION (LIGHTING)**
- ▶ **LOWER POWER CONSUMPTION FOR COOLING CAPACITY**
- ▶ **INCREASED PRODUCT SAFETY**
- ▶ **USE A FUTURE-ORIENTED APPROACH WITH TARGETED UVA LIGHT TO TACKLE FOOD WASTE**
- ▶ **REDUCE THE SHARE OF PRODUCTS THAT ARE WASTED USING LUMITECH MEAT COLORS**



PRODUCTS DON'T LOOK APPEALING?

BEFORE

FOOD LIGHTING

ENTICINGLY FRESH

As a specialist for light and food colors, LUMITECH can help you transform your supermarket into an inspiring shopping experience: With an individually coordinated light solution that creates a uniform as well as exciting and unique atmosphere

and invites your customers to pick up products.

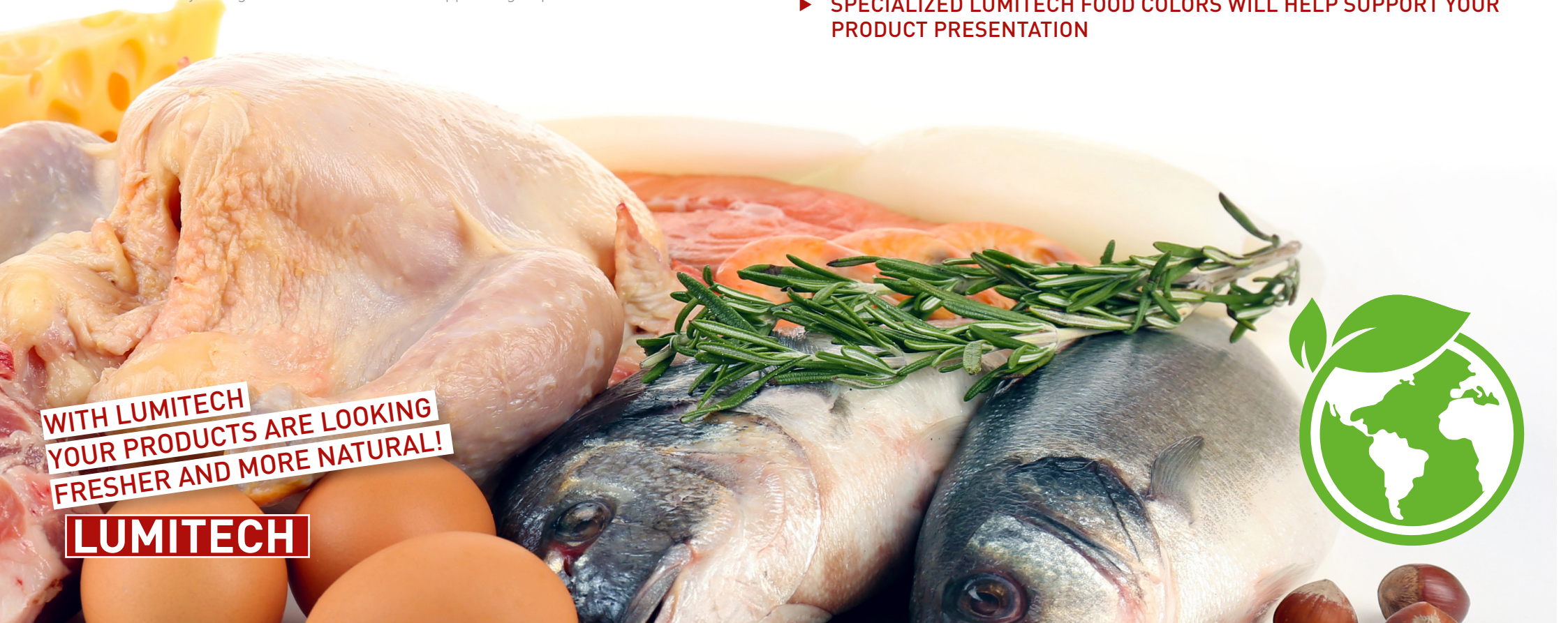
Different foods require special light qualities to make them look attractive and tasty. The most important three factors are color reproduction, color temperature and color point.

When it comes to food, quality and freshness are paramount – LUMITECH can help you achieving this by providing excellent color reproduction (CRI 95) over a broad spectrum. This renders your products' characteristic colors in an optimal and realistic way, and gives them a natural and appetizing impression.

- ▶ **OPTIMAL PRODUCT ILLUMINATION THROUGH FOCUSED LIGHT INSTEAD OF 360° LIGHT OUTPUT WITH HIGH LEVELS OF LIGHT SCATTER LOSS**
- ▶ **EXCELLENT COLOR RENDERING UP TO CRI 95**
- ▶ **WITH LUMITECH: EXCITE YOUR CUSTOMERS, DON'T MANIPULATE THEM!**
- ▶ **PERFECT, NATURAL RENDERING THE CHARACTERIZING COLORS WHICH MAKE YOUR PRODUCT UNIQUE**
- ▶ **PRODUCTS LOOK FRESHER AND MORE NATURAL**
- ▶ **SPECIALIZED LUMITECH FOOD COLORS WILL HELP SUPPORT YOUR PRODUCT PRESENTATION**

**WITH LUMITECH
YOUR PRODUCTS ARE LOOKING
FRESHER AND MORE NATURAL!**

LUMITECH



SENSE LINE GEN X

YOUR LIGHTING SOLUTION

With Sense Line Gen X, LUMITECH is offering a new linear range of luminaires for all applications in refrigerated and dry shelves. With a high LED density of 170 LEDs/m, the luminaire produces an absolutely homogeneous light image, while guaranteeing ultimate energy efficiency at the same time. As a result you will see significant energy savings for any store. Sense Line Gen X also features excellent color consistency and very high color rendering. Due to the compact, stable design with IP 54, this comes very close to the ideal of the invisible light source.

LUMITECH offers special food colors for the food lighting sector to make your products even appealing. The selection of LED systems ranges from linear luminaires for all types of refrigeration and freezer cabinets. Also all other types of appliances and food categories, to matching accessories such as lenses, profile, lighting controls and peripheral devices are available. It is also possible to re-fit existing refrigeration units onto LUMITECH LED technology without great effort.



OPTICS

Choose the perfect optics for your project

MODULES



Homogeneous and highly efficient LED modules

CRI ≥90

Typ. 92
Perfect, natural rendering of the intrinsic colors that characterize your products

OPTIMIZED TOOL-FREE INSTALLATION

Cinch-Connection System
Maximum flexibility and easy handling thanks to our innovative "Plug & Play" cabling system

DIMMABLE

Dimmable lighting solutions (PWM)

LONGER LIFETIME



70,000h



UNIFY

HIGHEST EFFICIENCY

In times of rising energy prices, energy-saving solutions at all levels are more in demand than ever. LUMITECH has been attaching great importance to reducing the use of resources for decades. With the development of a highly efficient LED luminaire series „UNIFY“ (highest efficiency on the market worldwide) new standards are set. Due to the high duty cycle of merchandise lighting in the retail sector as well as the additional heat input in refrigerated cabinets, energy consumption is particularly relevant here. On the other hand, lighting is essential for the optimal presentation of perishable goods and thus their timely sale.

The way to UNIFY was achieved in cooperation with globally established raw material manufacturers, via further optimization of the electronic layout, and via the pioneering use of new phosphor technologies. Lighting efficiency is also supported by patented, highly innovative internal lens geometries that direct the generated light to where it is needed - on the goods. The result is linear luminaires based on phosphors with an efficiency of up to 160 lm/W, which are currently the most efficient luminaires in the relevant application area on the market.

INDIVIDUAL

Available in individual lengths and light colours matched to specific food types (up to CRI 95)

LONGER LIFETIME



70,000h

EXCELLENT PRODUCT ILLUMINATION

Homogeneous light line and one continuous luminaire (without interruptions) for each offered length
Use of highly efficient SMD LEDs and innovative optics

HIGHEST EFFICIENCY ON THE MARKET
UP TO 160 LM/W

COMPATIBILITY

Uniform mechanical dimensions, electrical system and connection technology compatible with existing solutions



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