

# INNOVATIONS 2026



We are proud to create the world's most innovative  
lighting solutions.

LUMITECH



# LUMITECH

## OUR SOLUTIONS & INNOVATIONS



LUMITECH is defined by strong technological expertise (engineered in Austria), exceptional manufacturing know-how, and first-class logistics (made in the European Union).



### LIGHTING SOLUTIONS FOR REFRIGERATION & STORE DESIGN

**We understand** what consumers expect at the point of sale.  
**We extend** the shelf life of fresh food.  
**We offer** the strongest standard portfolio as well as custom solutions and IoT.  
**We support** design-in processes in retail environments.

- ▶ REDUCED ENERGY CONSUMPTION
- ▶ REDUCED PRODUCT WASTE THANKS TO LUMITECH'S SPECIAL LIGHTING COLORS
- ▶ EASY INTEGRATION INTO YOUR FURNITURE

WITH LUMITECH:  
**REDUCE TOTAL COSTS**



For more information, please visit [www.lumitech.com](http://www.lumitech.com).

## SENSORINTELLIGENCE

Shelf stock always under control – efficient, smart, and proactive.

**SENSORINTELLIGENCE** continuously monitors on-shelf inventory and detects early when products are running low. This provides timely alerts to optimally manage replenishment processes and significantly reduce out-of-stock situations in daily operations.

- ▶ HIGHER SALES DRIVEN BY CONTINUOUS ON-SHELF AVAILABILITY
- ▶ OPTIMIZED BAKING AND REPLENISHMENT CYCLES
- ▶ REDUCED WRITE-OFFS AND PRODUCT LOSSES



**SENSORINTELLIGENCE** solutions can also be combined with **NATURALMEAT**, using intelligent sensors to automatically regulate light output to a defined lux level directly on the product. **External influences are continuously compensated, ensuring consistent illumination and preventing unwanted greying of the products.**

✔ Consistent lux level  
despite changing ambient light conditions!



# NEW PRODUCTS

## INNOVATIONS AT A GLANCE

For nearly 30 years, LUMITECH has been revolutionizing the world of light. As a pioneer in the LED lighting industry, LUMITECH is already working today on the sustainable lighting technologies of tomorrow. With extensive scientific and practical expertise in the effects of light, LUMITECH plays a leading, pioneering role—developing solutions that go far beyond conventional lighting.

### FRESHCONFIDENCE

Targeted reduction of food-related risks

Foodborne infections are on the rise across Europe, causing illness and significant economic damage to the retail sector every year. Increasing hygiene requirements and frequent product recalls further intensify the challenge.

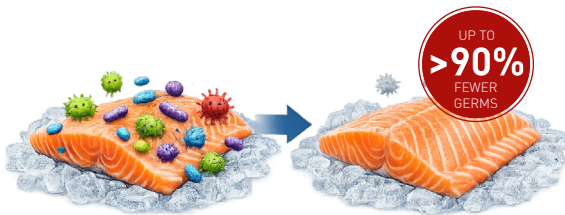
This is exactly where **FRESHCONFIDENCE** by LUMITECH comes into play. Pathogens thrive in moist, nutrient-rich environments such as dry shelves, cheese and deli counters, as well as refrigerated display cabinets. Specially developed **FRESHCONFIDENCE** light spectra specifically counteract this microbial growth—without harming the food products.

Independent tests conducted by Ulm University of Applied Sciences demonstrate germ reductions of up to 90% for E. coli, Listeria, and Staphylococcus aureus, particularly on fruit, vegetables, fish, and cheese—within just six hours.

**The result: increased food safety, extended freshness, and a natural, high-quality product presentation. FRESHCONFIDENCE is fully compatible with existing LUMITECH shelf systems and actively supports retailers in protecting customers, products, and brand value.**

#### BEFORE

High microbial load  
(e.g. E. coli, Listeria,  
Staphylococcus aureus)



#### LUMITECH

Germ reduction  
in just 6 hours  
up to 90%

### NATURALMEAT

More freshness on the shelf

Significantly reduces the greying of meat and sausage products.

Studies conducted by the Fraunhofer Institute confirm that **NATURALMEAT** noticeably slows down light-induced, photo-oxidative processes—keeping products fresh and attractive for longer and ensuring extended sales viability.

- ▶ **SCIENTIFICALLY PROVEN SHELF-LIFE EXTENSION (FRAUNHOFER INSTITUTE)**
- ▶ **REDUCED WRITE-OFFS AND FOOD WASTE**
- ▶ **FRESHER, MORE APPEALING PRODUCT PRESENTATION**
- ▶ **INCREASED PRODUCT SAFETY**
- ▶ **HIGHEST EFFICIENCY IN MEAT LIGHTING**

INCREASE  
SHELF LIFE!

>100%



# FOOD LIGHTING

## IRRESISTIBLY FRESH

As a specialist in lighting and food colors, LUMITECH supports you in transforming your supermarket into an inspiring shopping experience.

With a customized lighting solution that creates a consistent atmosphere and encourages customers to reach for your products. Special focus is placed on the three key factors: color rendering, color temperature, and color point.

When it comes to food, quality and freshness are paramount. This is where LUMITECH provides optimal support through excellent color rendering. Your products are presented in a natural and authentic way—ensuring they always look fresh, appealing, and true to life.

- ▶ OPTIMAL PRODUCT ILLUMINATION THROUGH DIRECTED LIGHT
- ▶ EXCELLENT COLOR RENDERING
- ▶ WITH LUMITECH: ENCOURAGE CUSTOMERS – DON'T MANIPULATE!
- ▶ A NATURAL AND FRESH APPEARANCE OF PRODUCTS
- ▶ SPECIAL LUMITECH FOOD-SPECIFIC LIGHT COLORS ENHANCE YOUR PRODUCT PRESENTATION



**NO APPEALING  
PRODUCT PRESENTATION?**

**BEFORE**

**WITH LUMITECH  
YOUR PRODUCTS APPEAR  
IRRESISTIBLY FRESH**

**LUMITECH**



# SENSE LINE GEN X+

## HIGHEST EFFICIENCY

With the Sense Line Gen X+, LUMITECH offers an efficient linear luminaire family for refrigerated and dry shelves. Featuring homogeneous light distribution and outstanding energy efficiency of up to **185 lm/W**—delivering measurable energy savings.

The luminaire impresses with excellent color rendering, high color consistency, and a compact design that allows for almost invisible integration. Special food-specific light colors, an **IP66** protection rating, and a comprehensive system and accessories portfolio complete the solution. Retrofitting existing refrigerated cabinets is also easily possible.

HIGHEST EFFICIENCY ON THE MARKET  
**UP TO 185 LM/W**

### OPTICS



Choose the perfect optics for your application from the LUMITECH portfolio

### PRECISE

Requires only one luminaire for the door mullion thanks to special optics

### CRI >90

Typ. 93  
Perfect, natural reproduction of original colors

### OPTIMIZED TOOL-FREE INSTALLATION

Maximum flexibility and easy handling thanks to our innovative "plug & play" wiring system

### DIMMABLE

Dimmable lighting solutions

### LONG SERVICE LIFE

70,000h



# UNIFY

## UNIFORM ELEGANCE

The LUMITECH UNIFY line stands for a homogeneous, continuous line of light with no visible interruptions and can be flexibly adapted to individual requirements. It is available in all LUMITECH light colors and fully compatible with existing systems—ensuring maximum planning reliability and investment security.

Highly efficient SMD LEDs delivering up to **175 lm/W**, combined with innovative optics, provide excellent illumination and high light quality with a CRI of 93. Uniform dimensions and a compatible connection system enable easy integration and seamless expansion.

UNIFY meets all relevant standards and impresses with an **IP66** rating, SELV safety, and a service life of up to 70,000 hours. Developed and manufactured in the EU, the line guarantees quality, reliability, and short delivery times.

### CUSTOMIZABLE

Available in custom lengths and food-specific light colors tailored to specific products

IP66 means the product is **completely dust-tight** and reliably protected against powerful **water jets**, making it ideal for demanding indoor and outdoor environments.



### LONG SERVICE LIFE

70,000h



### EXCELLENT PRODUCT ILLUMINATION

Homogeneous, continuous line of light with no visible interruptions  
Use of highly efficient SMD LEDs and innovative optics

### COMPATIBLE

Uniform mechanical dimensions, electrical design, and connection technology ensure compatibility with existing solutions



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