

FULL SERVICE BY LUMITECH

LUMITECH offers a **worry-free full service package!** We will be happy to prepare a list of parts per market and per furniture unit for any retrofit on request.

This is then assembled in consultation with the customer and also serves as a quote when complete. On-site support available on request.

"WE CAN LOOK BACK ON MANY YEARS OF EXPERTISE IN THE LED SEGMENT AND ARE PROUD TO HAVE COLLABORATED WITH THE BEST OF THE BEST. WE PRODUCE OUTSTANDING LIGHTING SOLUTIONS THROUGH CLOSE COLLABORATION WITH OUR CUSTOMERS."

Dr. Stefan Tasch, LUMITECH CEO

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FROM (FLUORESCENT) TUBE
TO LED LIGHT

GUIDELINE **RE | FIT**

YOUR CHANCE FOR

IDEAL MERCHANDISE LIGHTING



PRESENTING FOOD IN THE BEST LIGHT

Optimal product illumination through **directed light** instead of 360° light emission with high stray-light losses

Excellent color rendering **CRI ≥90**

WITH LUMITECH: ATTRACT CUSTOMERS – DON'T MANIPULATE!

Perfect and natural reproduction of the products' characteristic colors

Natural and fresh appearance of the products

Special **LUMITECH food colors** enhance your product presentation

Reduced meat discoloration thanks to the special **NATURALMEAT** light color

REDUCE OVERALL COSTS WITH LUMITECH LED LIGHTING

Reduced energy consumption

(For example: Replacing a conventional 54 W fluorescent lamp (1.2 m) with a modern 9.6 W LED luminaire (1.2 m) significantly reduces power consumption.)

Reduced heat load in the refrigerated display **reduces cooling demand**

Increased product safety for fresh products

Extended shelf life of displayed products by >20%

Reduction in discarded products through the use of **LUMITECH meat light colors**

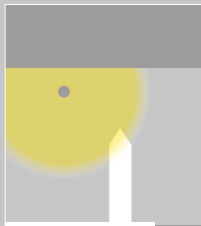
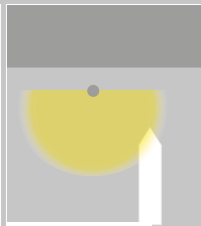
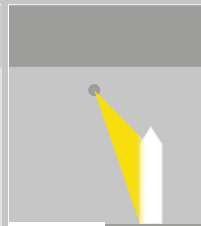


NEW EU DIRECTIVE

Since August 2023, conventional T5 and T8 fluorescent lamps may generally **no longer** be newly placed on the market in the EU.

High time to switch to efficient and long-lasting LED technology.

ATTENTION

		
CONVENTIONAL FLUORESCENT LIGHTS	CONVENTIONAL LED TUBES	LUMITECH LENS TECHNOLOGY
Light emission of up to 360° causes high levels of light scatter loss and does not place the focus on the products	Light emission of up to 180° causes high levels of light scatter loss and does not place the focus on the products	Focused light distribution ensures optimal, targeted illumination of products
No zoning	No zoning	Accentuation
High levels of light scatter loss	High levels of light scatter loss	Maximum illumination intensity on the product
		Cost savings thanks to precise illumination

LUMITECH lens technology allows for **high-efficiency (lx/W)** accentuated illumination. It is not the luminous flux (lm) of the light that determines the efficiency of a lighting solution, but rather the actual illumination on the product.

ILLUMINANCE COMPARISON

LUX PER WATT OF POWER CONSUMPTION

LUMITECH LIGHTING SOLUTION

CONVENTIONAL LED TUBE

TYPICAL
-30%

CONVENTIONAL LSR
TYPICAL
-80%

LUMITECH lens technology will help you enjoy better illumination of **up to 80% more lux on the product** than with conventional fluorescent tubes!

WHY LUMITECH LED LIGHTS INSTEAD OF LED TUBES?

1:1 replacement of fluorescent tubes with LED tubes – not recommended

(Lamp holders may already be damaged or brittle.)

Directed light distribution with excellent light quality

This is the only way to ensure optimal illumination, for example with vertical lighting or handrails in freezer islands.

Safety

When retrofitting with LED tubes, the luminaire's original protection and safety characteristics may be compromised. LUMITECH provides a tested and reliable solution.

Energy savings

With high efficiency of up to 180 lm/W, LUMITECH offers significant energy-saving potential.

Conventional LED tubes, by comparison, sometimes achieve only around 90 lm/W.

LUMITECH complies with current standards

(e.g. PRP/HACCP (Food Safety), EN 60335-2-89, ENEC)

Flexible lengths – fits every refrigerated display

SELV power supply

Service costs

The RCA connection system enables quick, tool-free replacement and sustainably reduces maintenance and service costs.

IP protection: IP66

Dust-tight and protected against powerful water jets – ideal for defrost cycles.

REFIT-KIT

For easy and professional retrofitting of existing displays – including mounting clips, converter and new wiring.

7-year warranty

(LED tubes typically come with a 2-year warranty.)

To find out more, please visit www.lumitech.com

SEIZE THE OPPORTUNITY!

QUESTIONS?

YOUR LUMITECH ADVISOR WILL BE HAPPY TO SUPPORT YOU WITH PLANNING AS WELL AS COMPLIANCE WITH THE NEW EU DIRECTIVES

