

LUMITECH

YOUR LIGHTING SOLUTION



NEW

OLD



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 output with high levels of light scatter loss

Excellent colour rendering **CRI ≥ 90**

WITH LUMITECH: EXCITE YOUR CUSTOMERS, DON'T MANIPULATE THEM!

Perfect, natural rendering of the intrinsic colours that characterise your products.

Products look **fresher and more natural**

Specialised **LUMITECH food colours** will help support your product presentation

REDUCE OVERALL COSTS WITH LUMITECH LED LIGHTING

Lower **energy consumption**
(58W fluorescent lights are typically replaced with 25W LED lights)

Lower power consumption for **cooling capacity**

Increased **product safety** for fresh produce

Extended shelf life for products on display
increase of >20%

Use a future-oriented approach with targeted UVA light to combat food waste

Reduce the share of products that are thrown out using **LUMITECH meat colours**

ATTENTION

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NEW EU DIRECTIVE

The new EU Directive will take effect from 1/9/2021.

After a transition period ending 1/9/2023, all use of fluorescent lighting will be **prohibited** (including service calls).

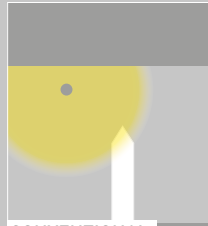
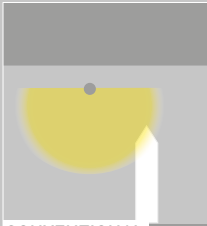
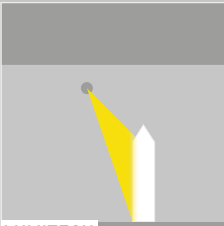


SEIZE THE OPPORTUNITY!

NEW



WHY LUMITECH LED LIGHTS INSTEAD OF LED TUBES?

		
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.

LIGHTING SOLUTION EFFICIENCY (LX/W ON THE PRODUCT)



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!

- Subsidies**
Retrofit solutions (simple replacement of the lamps) are mostly excluded from environmental subsidies.
- 1:1 replacement of fluorescent tubes with LED tubes not recommended**
(some brackets already defective or brittle)
- Directed beams offering the best possible light**
(optimal illumination, e.g. with vertical lighting, or in handrails in freezer islands can **only** be ensured with this method)
- Safety**
The continued use or bypassing of old ballast units may give rise to potential sources of danger. Plastic covers may yellow and break.
- Energy savings**
30% lower power consumption than LED tubes
- LUMITECH is compliant with the current valid standards**
(e.g. EN 60335-2-89)
- Flexible lengths – will fit into any refrigeration unit**
- SELV power supply**
- Service costs**
(including longer lifetime, lower maintenance costs, lower energy costs)
- IP protection: IP54 (LUMITECH) vs. IP20**
(including extended lifetime thanks to high IP54 protection with respect to defrost cycles)
- 7-year guarantee**
(LED tubes typically guaranteed for 2 years)

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

QUESTIONS?

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



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



YOUR PERSONAL CONTACT PERSON

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