

WHY LUMITECH LED LUMINAIRES INSTEAD OF FLUORESCENT TUBES

Prohibition

As of 09/01/2023, any use of most fluorescent tubes will be prohibited!

CAUTION!

Including service calls

Amortization

Switching to LUMITECH LED lighting will pay for itself in 2-3 years.

Based on a typical market of 4,000 lighting hours per year | electricity cost/kWh € 0.20

Energy savings

80% lower power consumption than fluorescent tubes

Easy replacement – will fit into any refrigeration unit

Easy replacement (retaining clips, plug system, magnetic holders)

Suitable for any application (chest freezer, deep freezer, etc.)

LUMITECH is compliant with the current valid standards

e.g. EN 60335-2-89: This is especially critical with regard to the flammable gases in the cooling medium!

IP protection: IP54 (LUMITECH)

Thanks to their high level of protection, LUMITECH IP54 luminaires also have, among other things, an extended service life in terms of defrosting cycles.

Prevents graying of meat

The radiant intensity can be individually adjusted

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)

Practically no service costs

But longer lifetime, lower maintenance costs, lower energy costs

Safety extra-low voltage (SELV) supply

7-year guarantee

(Standard warranty 2 years)

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



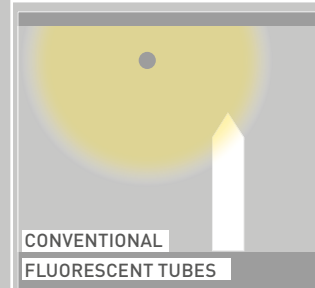
EU REGULATION NEW

Since 09/01/2021 the new REGULATION on the ECODESIGN DIRECTIVE of the EU is in effect.

After a transition period ending 09/01/2023, all use of T8 fluorescent tubes will be prohibited



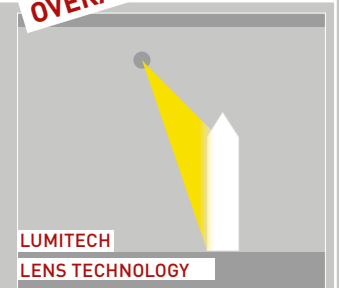
**FUTURE-ORIENTED
OVERALL COST REDUCTION**



Light emission of up to 360°

No zoning

High levels of light scatter loss



Targeted light distribution

Accentuation

Maximum illumination intensity on the product

Cost savings thanks to precise illumination

LUMITECH lens technology allows for accentuated illumination with **high application efficiency [lx/W]**. 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. Thanks to the focused light distribution, a LUMITECH luminaire with approximately the same lm/W efficiency typically requires ~80% less power for the same amount of light [lux] on the product compared to fluorescent tubes.

APPLICATION EFFICIENCY [LX/W] ON THE PRODUCT



LUMITECH

CONV. FL.TUBE 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!

REFIT

**YOUR CHANCE FOR
IDEAL MERCHANDISE LIGHTING**