

WHY LUMITECH LED LUMINAIRES INSTEAD OF LED TUBES?


Safety

The continued use or bypassing of old ballast units may give rise to potential sources of danger. Plastic covers may yellow and break.

Unlike LED tubes, LUMITECH complies 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)

 IP20 does not provide any protection against water and moisture and is therefore **ONLY** suitable in a dry environment.

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

Fundings

There are various environmental fundings available (we will be happy to advise you)! Retrofit solutions (simple replacement of the lamps) are mostly excluded from environmental fundings.

Amortization

Switching to LUMITECH LED lighting will pay for itself in 4-5 years.

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

Energy savings

30% lower power consumption than LED 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.)

1:1 replacement of fluorescent tubes with LED tubes not recommended - they do not fit perfectly (some brackets already defective or brittle)

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)



EU REGULATION

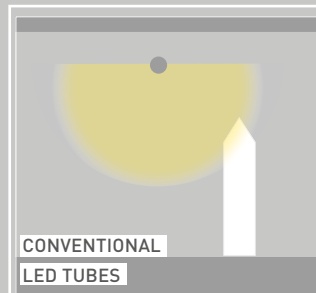
NEW

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



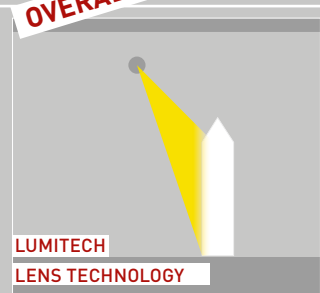
**FUTURE-ORIENTED
OVERALL COST REDUCTION**



Light emission of up to 180°

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 ~30% less power for the same amount of light [lux] on the product compared to LED-tubes.

APPLICATION EFFICIENCY [LX/W] ON THE PRODUCT



LUMITECH

CONVENTIONAL LED TUBE

TYPICAL
-30%

LUMITECH lens technology will help you enjoy better illumination of up to 30% more lux on the product than with conventional LED tubes!

REFIT

**YOUR CHANCE FOR
IDEAL MERCHANDISE LIGHTING**