

LUMiTENSO YOUR BRAND FOR EFFICIENT LED LIGHTING

LUMiTENSO offers a variety of unique lighting solutions for flexible applications in industry, offices, municipalities and homes.



**Fitness centre Kingdom of Sports
Delmenhorst, Germany**

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A total of 280 conventional fluorescent tubes were replaced with LUMiTENSO LED tubes in the fitness centre.

Due to LUMiTENSO LED tubes, the atmosphere at the fitness centre improved considerably and electromagnetic pollution decreased significantly.

LED tube	LUMiTENSO PRO 150 cm
Daily use	12 h
Weekly use	7 days
Electricity price	€0.19
Total effective life per year	4,380 h
Consumption neon tubes per year	79,716 kWh
Consumption LED per year	29,434 kWh
Energy costs neon tubes per year	€16,096.52
Energy costs LED per year	€5,943.33
Investment in LED pays off in	1.89 years
CO ₂ saved by LED per year*	28,309 kg
*CO ₂ emissions from conventional electricity generation in Germany (563 g/kWh)	

Over a period of 5 years total savings from LED amount to **€50,765.95**.

Investment costs are cleared after just **1.9 years**.

LUMiTENSO LED tubes: Quality made in Germany

Lumitenso GmbH

Ernst-Abbe-Straße 6 • 28816 Stuhr, Germany

T +49 421 / 27 83 777 • F +49 421 / 27 83 779 • info@lumitenso.de

www.lumitenso-led.com

