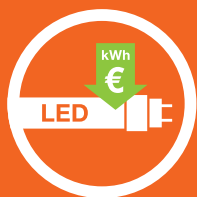


SWITCH TO LED



LEDVANCE



FLUORESCENT LAMP BAN 2023

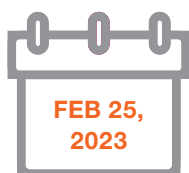
ALTERNATIVE LIGHTING OPTIONS FOR SUPERMARKETS

YOUR CHALLENGE

Exchange of T8 fluorescent lamps lighting: Light is a crucial factor for presenting goods in an good ambience. LED lighting arranged parallel to the shelves provides orientation - the goods are brightly lit, the walkways and traffic areas fade into the background. Properly used LED lighting is not only promoting sales, it provides more efficient lighting, lower power consumption and therefore lower operating costs and CO₂ reduction.

GENERAL INFORMATION: AMENDMENT TO EU ROHS DIRECTIVE 2011/65/EU

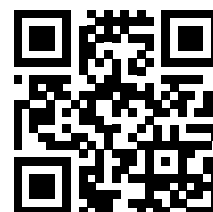
The EU RoHS Directive 2011/65/EU has been updated. With us as a strong partner, you can continue to make your lighting projects sustainable, future-proof and successful.



Ban on placing compact fluorescent lamps with plug-in bases (CFLni) on the market



Ban on placing T5 and T8 fluorescent lamps on the market

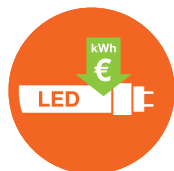


For a detailed overview go to ledvance.com/rohs



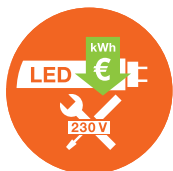
SWITCH TO LED: IT ALL ADDS UP IN A SHORT TIME AND THE POTENTIAL SAVINGS ARE ENORMOUS

Good to know: the LED TUBE EM is a product that can be flexibly used for operation on CCG or directly for mains voltage (AC) after rewiring.



LED RETROFIT

LED TUBE T8 HF ULTRA OUTPUT P
1500 mm 23W 840
4099854026195 EAN (GTIN)



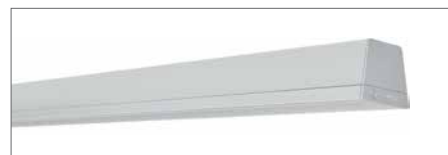
LED CONVERSION¹

LED TUBE T8 EM ULTRA OUTPUT S
1500 mm 22.1W 840
4099854037238 EAN (GTIN)



LED LUMINAIRE

TRUSYS W 53 W 4000 K SI
4058075100473 EAN (GTIN)



TOTAL
COST SAVINGS
UP TO **69 %**

TOTAL CO₂
SAVINGS
UP TO **77 %**

PAYBACK
TIME FROM
4 MONTHS

ENERGY
SAVINGS UP TO
122 168 KWH

COST SAVINGS
FOR ELECTRICITY
UP TO **77 %**

	OLD: Traditional T8 58W	NEW: LED TUBE T8 HF ULTRA OUTPUT P 23W	Savings	NEW: LED TUBE T8 EM ULTRA OUTPUT S 22.1W	Savings	NEW: TruSys W 53 W	Savings
Guarantee		5 years²		5 years²		5 years²	
Efficiency	90 lm/W	160 lm/W		185 lm/W		135 lm/W	
System wattage	58 W (incl. losses at ECG) ³	25 W (incl. losses at ECG) ³		22.1 W (on AC)		53 W	
Average lifetime	15 000 h	75 000 h		75 000 h		75 000 h⁴	
Energy consumption of project	5.8 kW	2.5 kW		2.2 kW		1.3 kW	
Energy consumption over period of operation	158 340 kWh	68 250 kWh	90 090 kWh	60 333 kWh	98 007 kWh	36 173 kWh	122 168 kWh
CO ₂ Emissions (231 g/kWh) ⁵	36 577 kg	15 766 kg	20 811 kg	13 937 kg	22 640 kg	8 356 kg	28 221 kg
Total cost savings up to		52 %		58 %		69 %	
Payback time from		5 months		4 months		7 months	

GLOBAL PARAMETERS⁶: Period of operation: 60 months, 5 years, 27 300 operating hours | Operating times: 7 days per week, 52 weeks per year, 15 hours per day | Number of light points: lamps 100, luminaires 25

ALWAYS IN THE RIGHT LIGHT

LEDVANCE TruSys[®] is suitable for direct replacement for luminaires with compact fluorescent lamps. High-intensity, efficient and versatile LED trunking system for varied and modern goods presentations at particularly high energy and cost efficiency. Flexible application through a wide range of beam angles including asymmetrical optics. With rows of up to 81 luminaires are installations of a overall length of 124 m possible.



LEDVANCE TruSys[®]



Take advantage of our services for your projects and get in touch at:
Email: contact@ledvance.com | Phone: +49 89 780673-660

FIND OUT MORE AT:



ledvance.com/tubes



ledvance.com/lampfinder

¹ Product can be operated on traditional CCG (Retrofit) or AC Mains (Conversion) | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ ECG losses depend on ECG type, check ECG compatibility before installation | ⁴ t [h]: L70/B50 at 25 °C (T_a) | ⁵ 2020 European level of GHG emission intensity of electricity generation (www.eea.europa.eu) | ⁶ Calculation Parameters: Replacement costs: Traditional T8 58 W 4.50 €/piece, LED TUBE T8 HF ULTRA OUTPUT P 23W 36.40 €/piece, LED TUBE T8 EM ULTRA OUTPUT S 22.1W 25.85 €/piece, TruSys W 53 W 217.30 €/piece, costs for exchanging: retrofit lamp 10.00 €/housing, conversion lamp 15.00 €/housing, luminaire 15.00 €/piece, electricity costs: 0.40 €/kWh. *Illustrative pricing. Prices may vary in your country.