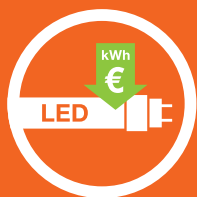


SWITCH TO LED



LEDVANCE



FLUORESCENT LAMP BAN 2023

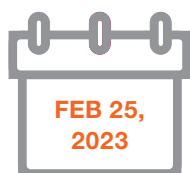
ALTERNATIVE LIGHTING OPTIONS FOR SMALL GROCERY STORES

YOUR CHALLENGE

Exchange of T8 fluorescent lamps lighting: The right shop lighting creates a relaxing atmosphere for customers, helps them find their way around the shop and displays merchandise to best effect. What's more, it delivers impressive energy efficiency, long life, low maintenance and great versatility. In short: light is an important factor for the revenue, economic efficiency and therefore the long-term success of a shop.

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

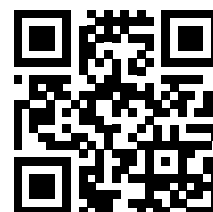
The EU RoHS Directive 2011/65/EU has been updated. With us as a strong partner, you can continue to make your lighting projects sustainable, future-proof and successful.



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

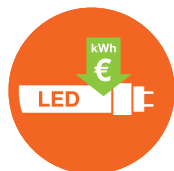


For a detailed overview go to ledvance.com/rohs



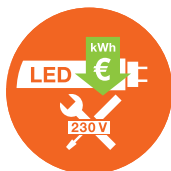
SWITCH TO LED: IT ALL ADDS UP IN A SHORT TIME AND THE POTENTIAL SAVINGS ARE ENORMOUS

For long burning times of approx. 20 h/day, the LED TUBE Performance Class with a lifetime of 60 000 h¹ is a good alternative.



LED RETROFIT¹

LED TUBE T8 EM V
600 mm 6.6W 840
4099854038983 EAN (GTIN)



LED CONVERSION¹

LED TUBE T8 EM P
600 mm 7W 840
4099854036972 EAN (GTIN)



LED LUMINAIRE

PANEL COMPACT 600 V
33W 840
4099854017902 EAN (GTIN)



TOTAL
COST SAVINGS
UP TO **66 %**

TOTAL CO₂
SAVINGS
UP TO **71 %**

PAYBACK
TIME FROM
< 2 MONTHS

ENERGY
SAVINGS UP TO
46 410 KWH

COST SAVINGS
FOR ELECTRICITY
UP TO **71 %**

	OLD: Traditional T8 L 18 W/840	NEW: LED TUBE T8 EM V 6.6W	Savings	NEW: LED TUBE T8 EM P 7W	Savings	NEW: PANEL COMP 600 V 33W	Savings
Guarantee		3 years ²		5 years ²		5 years ²	
Efficiency	69 lm/W	121 lm/W		150 lm/W		110 lm/W	
System wattage	24 W (incl. losses at CCG)	7.6 W (incl. losses at CCG)		7.3 W (on AC)		33 W	
Average lifetime	20 000 h	30 000 h		60 000 h		70 000 h ³	
Energy consumption of project	2.4 kW	0.8 kW		0.7 kW		0.8 kW	
Energy consumption over period of operation	65 520 kWh	20 748 kWh	44 772 kWh	19 110 kWh	46 410 kWh	22 523 kWh	42 998 kWh
CO ₂ Emissions (231 g/kWh) ⁴	15 135 kg	4 793 kg	10 342 kg	4 414 kg	10 721 kg	5 203 kg	9 932 kg
Total cost savings up to		66 %		66 %		61 %	
Payback time from		< 2 months		5 months		4 months	

GLOBAL PARAMETERS ⁵: 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

A SPECIAL ONE FOR FOOD PRESENTATION

The LED TUBE T8 EM FOOD P:

- Food looks fresh and appetizing without unduly "beautifying" it
- Quick, simple and safe replacement of fluorescent lamps
- Energy savings of up to 60 % (compared to T8 fluorescent lamp on CCG)
- Shatter protection thanks to special PET coating
- For food presentation in e.g. butchers, bakeries, supermarkets or meat processors



FIND OUT MORE AT:



ledvance.com/
tubes



ledvance.com/
lampfinder



Take advantage of our services for your projects and get in touch at:

Email: contact@ledvance.com | Phone: +49 89 780673-660

¹ Product can be operated on traditional CCG (Retrofit) or AC Mains (Conversion) | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ t [h]: L70/B50 at 25 °C (T_a) | ⁴ 2020 European level of GHG emission intensity of electricity generation (www.eea.europa.eu) | ⁵ Calculation Parameters: Replacement costs: Traditional T8 18W 2.86 €/piece, LED TUBE T8 EM V 6.6W 7.75 €/piece, LED TUBE T8 EM P 7W 12.25 €/piece, PL COMP 600 V 33W 840 53.90 €/piece, costs for exchanging: retrofit lamps 10.00 €/housing, conversion lamps 15.00 €/housing, luminaire 12.00 €/piece, electricity costs: 0.40 €/kWh.

⁶ Illustrative pricing. Prices may vary in your country.