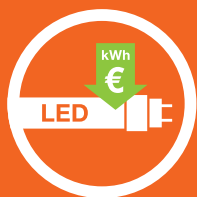


SWITCH TO LED



LEDVANCE



FLUORESCENT LAMP BAN 2023

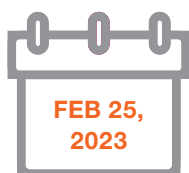
ALTERNATIVE LIGHTING OPTIONS FOR TUNNELS AND UNDERPASSES

YOUR CHALLENGE

Exchange of T8 fluorescent lamps lighting: Public places in public transport and underpasses become more attractive and safer with the right light. The advantages of light sources with LED technology also prove themselves in these lighting situations: they reduce light pollution, offer flexible light distributions, are inherently highly efficient, and can also be controlled with light management. Good conditions for saving energy costs and reducing CO₂.

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

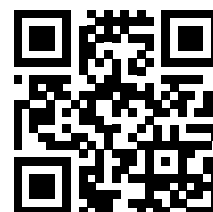
The EU RoHS Directive 2011/65/EU has been updated. With us as a strong partner, you can continue to make your lighting projects sustainable, future-proof and successful.



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

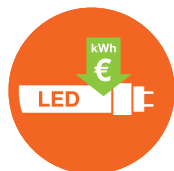


For a detailed
overview go to
ledvance.com/rohs



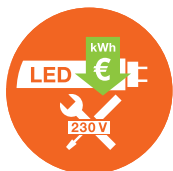
SWITCH TO LED: IT ALL ADDS UP IN A SHORT TIME AND THE POTENTIAL SAVINGS ARE ENORMOUS

Are you wondering which technology you need for your luminaire with T8 fluorescent lamp – EM or HF? Just use our insider tip on: ledvance.com/led-tubes-special



LED RETROFIT¹

LED TUBE T8 EM
ULTRA OUTPUT P
1500 mm 23.1W 840
4099854037030 EAN (GTIN)



LED CONVERSION¹

LED TUBE T8 EM
ULTRA OUTPUT P
1500 mm 23.1W 840
4099854037030 EAN (GTIN)



LED LUMINAIRE

DP COMPACT 1500 55 W
4000K IP66 GR
4058075210103 EAN (GTIN)



TOTAL
SAVINGS
UP TO **64 %**

TOTAL CO₂
SAVINGS
UP TO **66 %**

PAYBACK
TIME FROM
< 2 MONTHS

ENERGY
SAVINGS UP TO
196 123 kWh

COST SAVINGS
FOR ELECTRICITY
UP TO **66 %**

	OLD: Traditional T8 58W	NEW: LED TUBE T8 EM ULTRA OUTPUT P 23.1W	Savings	NEW: LED TUBE T8 EM ULTRA OUTPUT P 23.1W	Savings	NEW: DP COMPACT 1500 55 W	Savings
Guarantee		5 years²		5 years²		5 years²	
Efficiency	90 lm/W	160 lm/W		160 lm/W		120 lm/W	
System wattage	68 W (incl. losses at CCG)	24.1 W (incl. losses at CCG)		23.1 W (on AC)		55 W	
Average lifetime	15 000 h	60 000 h		60 000 h		50 000 h³	
Energy consumption of project	6.8 kW	2.4 kW		2.3 kW		2.8 kW	
Energy consumption over period of operation	297 024 kWh	105 269 kWh	191 755 kWh	100 901 kWh	196 123 kWh	120 120 kWh	176 904 kWh
CO ₂ Emissions (231 g/kWh) ⁴	68 613 kg	24 317 kg	44 295 kg	23 308 kg	45 304 kg	27 748 kg	40 865 kg
Total cost savings up to		63 %		64 %		55 %	
Payback time from		<2 months		<2 months		<2 months	

GLOBAL PARAMETERS ⁵: Period of operation: 60 months, 5 years, 43 680 operating hours | Operating times: 7 days per week, 52 weeks per year, 24 hours per day | Number of light points: 100 lamps, 50 luminaires

THE IDEAL CHOICE FOR LAMP FANS

A strong combination: T8 LED lamp, in a robust DAMP PROOF HOUSING.

- Sustainable solution thanks to replaceable lamps
- Prewired for easy installation of tubular AC LED lamps
- Suitable for LED TUBE EM/UN and LED TUBE Connected
- Luminaire housing, available for 1 or 2 T8 LED lamps
- Type of protection: IP65, Impact resistance: IK08
- Housing made of robust polycarbonate (PC)



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/
lampfinder](http://ledvance.com/lampfinder)



[ledvance.com/
lamps](http://ledvance.com/lamps)

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 58W 4.50 €/piece, LED TUBE T8 EM ULTRA OUTPUT P 23.1W 21.00 €/piece, DP COMPACT 1500 55 W 99.10 €/piece, costs for exchanging: retrofit lamp 10.00 €/housing, conversion lamp 15.00 €/housing, luminaire 20.00 €/piece, electricity costs: 0.40 €/kWh. *Illustrative pricing. Prices may vary in your country.