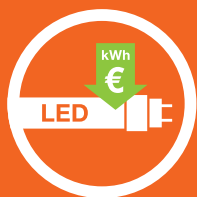


SWITCH TO LED



LEDVANCE



FLUORESCENT LAMP BAN 2023

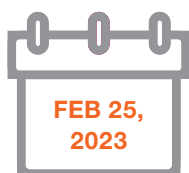
ALTERNATIVE LIGHTING OPTIONS FOR CAFETERIAS

YOUR CHALLENGE

Exchange of T5 fluorescent lamps lighting: Recreation rooms, canteens and similar areas are used for regeneration and rest. A pleasant lighting contributes to relaxation and well-being. In contrast to traditional lighting, LED lamps and luminaires meet legal requirements for energy-saving lighting and the sustainability goals of companies and administrations such as hospitals, retirement homes, schools and universities.

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

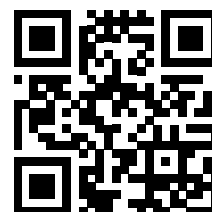
The EU RoHS Directive 2011/65/EU has been updated. With us as a strong partner, you can continue to make your lighting projects sustainable, future-proof and successful.



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

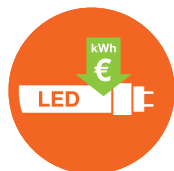


For a detailed overview go to ledvance.com/rohs



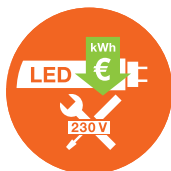
SWITCH TO LED: IT ALL ADDS UP IN A SHORT TIME AND THE POTENTIAL SAVINGS ARE ENORMOUS

Find the right LED lamp in no time with the LEDVANCE LAMP FINDER. Check online in the web app at ledvance.com/lampfinder



LED RETROFIT

LED TUBE T5 HF P
1449 mm 26W 840
4099854029134 EAN (GTIN)



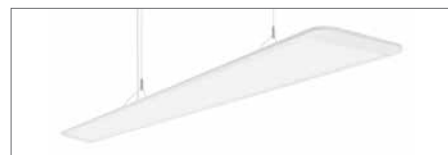
LED CONVERSION

LED TUBE T5 AC HO49 P
1449 mm 26W 840
4058075824195 EAN (GTIN)



LED LUMINAIRE

PANEL D/I 1200 36 W
4000 K UGR19
4058075144620 EAN (GTIN)



TOTAL
SAVINGS
UP TO **43 %**

TOTAL CO₂
SAVINGS
UP TO **65 %**

PAYBACK
TIME FROM
9 MONTHS

ENERGY
SAVINGS UP TO
39 780 KWH

COST SAVINGS
FOR ELECTRICITY
UP TO **65 %**

	OLD: Traditional T5 HO49W	NEW: LED TUBE T5 HF P 26W	Savings	NEW: LED TUBE T5 AC HO49 P 26W	Savings	NEW: PANEL D/I 1200 36 W	Savings
Guarantee		5 years¹		5 years¹		5 years¹	
Efficiency	97 lm/W	153 lm/W		153 lm/W		110 lm/W	
System wattage	52 W (incl. losses at ECG) ²	28 W (incl. losses at ECG) ²		26 W (on AC)		36 W	
Average lifetime	20 000 h	50 000 h		50 000 h		80 000 h³	
Energy consumption of project	2.6 kW	1.4 kW		1.3 kW		0.9 kW	
Energy consumption over period of operation	60 840 kWh	32 760 kWh	28 080 kWh	30 420 kWh	30 420 kWh	21 060 kWh	39 780 kWh
CO ₂ Emissions (231 g/kWh) ⁴	14 054 kg	7 568 kg	6 486 kg	7 027 kg	7 027 kg	4 865 kg	9 189 kg
Total cost savings up to		40 %		43 %		34 %	
Payback time from		9 months		9 months		29 months	

GLOBAL PARAMETERS ⁵: Period of operation: 60 months, 5 years, 23 400 operating hours | Operating times: 7 days per week, 52 weeks per year, 15 hours per day | Number of light points: 50 lamps, 25 luminaires

WIRELESS, MODERN, FLEXIBLE

In addition to the change to LED lighting, light management systems can be used without extensive and cost-intensive renovations. Wireless-based systems, such as VIVARES Zigbee, are particularly advantageous here. The wireless VIVARES Zigbee system is ideal for modernizing existing buildings where rewiring is often not an option. LEDVANCE offers you everything from one source: all LMS components and matching LED luminaires.



FIND OUT MORE AT:



ledvance.com/luminaires



ledvance.com/lamps



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

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² ECG losses depend on ECG type, check ECG compatibility before installation | 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 T5 HO49W 3.55 €/piece, LED TUBE T5 HF P 26W 36.10 €/piece, LED TUBE T5 AC HO49 P 26W 35.25 €/piece, PANEL D/I 1200 36 W 306.90 €/piece, costs for exchanging: retrofit lamp 10.00 €/housing, conversion lamp 15.00 €/housing, luminaire 20.00 €/piece, electricity costs: 0.40 €/kWh. ⁶ Illustrative pricing. Prices may vary in your country.