

SWITCH TO LED



LEDVANCE



FLUORESCENT LAMP BAN 2023

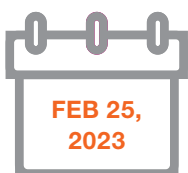
ALTERNATIVE LIGHTING OPTIONS FOR SMALL SHOPS

YOUR CHALLENGE

Exchange of CFLni fluorescent lamps lighting: Downlight is where aesthetic lighting meets functionality. Therefore, they are popular in smaller food retailers such as patisseries, bakeries, butcher shops. As an LED alternative to CFLni, both LED lamps and LED luminaires are suitable. Both alternatives with significant savings potentials in energy and CO₂. Alternatives that pay for themselves in a short time.

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

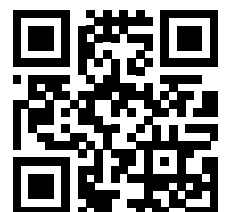
The EU RoHS Directive 2011/65/EU has been updated. With us as a strong partner, you can continue to make your lighting projects sustainable, future-proof and successful.



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



Ban on placing all 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

The LED lamp alternative is suitable for CCG and AC mains



LED RETROFIT¹

DULUX LED D26 EM & AC
MAINS V 9W 840 G24D-3
4058075823198 EAN (GTIN)



LED CONVERSION¹

DULUX LED D26 EM & AC
MAINS V 9W 840 G24D-3
4058075823198 EAN (GTIN)



LED LUMINAIRE

DOWNLIGHT ALU DN 150
14 W 4000 K IP44/IP20 WT
4058075091450 EAN (GTIN)



TOTAL
SAVINGS
UP TO **71 %**

TOTAL CO₂
SAVINGS
UP TO **75%**

PAYBACK
TIME FROM
2 MONTHS

ENERGY
SAVINGS UP TO
14 742 KWH

COST SAVINGS
FOR ELECTRICITY
UP TO **75 %**

	OLD: Traditional DULUX D 26W	NEW: DULUX LED D26 EM & AC MAINS V 9W	Savings	NEW: DULUX LED D26 EM & AC MAINS V 9W	Savings	NEW: DL ALU DN 150 14 W	Savings
Guarantee		3 years²		3 years²		5 years²	
Efficiency	90 lm/W	122 lm/W		122 lm/W		90 lm/W	
System wattage	36 W (incl. losses at CCG)	10 W (incl. losses at CCG)		9 W (on AC)		14 W	
Average lifetime	10 000 h	30 000 h		30 000 h		50 000 h³	
Energy consumption of project	0.7 kW	0.2 kW		0.2 kW		0.3 kW	
Energy consumption over period of operation	19 656 kWh	5 460 kWh	14 196 kWh	4 914 kWh	14 742 kWh	7 644 kWh	12 012 kWh
CO ₂ Emissions (231 g/kWh) ⁴	4 541 kg	1 261 kg	3 279 kg	1 135 kg	3 405 kg	1 766 kg	2 775 kg
Total cost savings up to		70 %		71 %		53 %	
Payback time from		2 months		3 months		10 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: 20

GOOD LIGHT ALL ROUND

LEDVANCE is leading the fight against bad light in every area. That's good news for you because when it comes to future-proof solutions relating to luminaires and lamps, HCL systems, electronic components, light management and smart residential products, you have a competent partner in LEDVANCE on your side for your lighting projects. You can always rely on LEDVANCE for excellent brand quality, professional service and a good price/performance ratio.



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:



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



[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 DULUX D 26 W 3.78 €/piece, DULUX LED D26 EM & AC MAINS V 9W 12.70 €/piece, DL ALU DN 150 14 W 41.00 €/piece, costs for exchanging: retrofit lamp 10.00 €/piece, conversion lamp 15.00 €/piece, luminaire 12.00 €/piece, electricity costs: 0.40 €/kWh. *Illustrative pricing. Prices may vary in your country.