



FLUORESCENT LAMP BAN 2023

ALTERNATIVE LIGHTING OPTIONS FOR PUBLIC BUILDINGS

YOUR CHALLENGE

Exchange of CFLni fluorescent lamps lighting: The purpose of areas in public buildings like corridors, entrance and reception areas or open interior spaces is to connect different parts of the building. As traffic zones they must first and foremost ensure safety and orientation. But corridors also represent the company and are part of the architecture, so should be illuminated appropriately. LED alternatives perform these tasks while saving energy compared to conventional light sources.

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

The EU RoHS Directive 2011/65/EU has been updated. With us as your 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

The LED lamp alternative is suitable for ECG and AC mains



LED RETROFIT¹

DULUX LED T/E32 HF & AC MAINS V 16W 840 GX24Q-3 4058075822351 EAN (GTIN)



LED CONVERSION¹

DULUX LED T/E32 HF & AC MAINS V 16W 840 GX24Q-3 4058075822351 EAN (GTIN)



LED LUMINAIRE

DOWNLIGHT COMFORT DN 205 20 W 3CCT IP54 WT 4058075104105 EAN (GTIN)



TOTAL COST SAVINGS UP TO **48%**

TOTAL CO₂ SAVINGS UP TO **54%**

PAYBACK TIME FROM **6 MONTHS**

ENERGY SAVINGS UP TO **14 524 KWH**

COST SAVINGS FOR ELECTRICITY UP TO **54%**

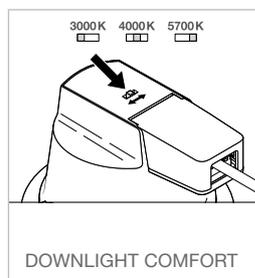
	OLD: DULUX T/E 32W	NEW: DULUX LED T/E32 HF & AC MAINS V 16W	Savings	NEW: DULUX LED T/E32 HF & AC MAINS V 16W	Savings	NEW: DL COMFORT DN 205 20 W	Savings
Guarantee		3 years ²		3 years ²		5 years ²	
Efficiency	70 lm/W	112 lm/W		112 lm/W		90 lm/W	
System wattage	35 W (incl. losses at ECG) ³	18 W (incl. losses at ECG) ³		16 W (on AC)		20 W	
Average lifetime	13 000 h	30 000 h		30 000 h		50 000 h ⁴	
Energy consumption of project	1.1 kW	0.5 kW		0.5 kW		0.6 kW	
Energy consumption over period of operation	26 754 kWh	13 759 kWh	12 995 kWh	12 230 kWh	14 524 kWh	15 288 kWh	11 466 kWh
CO ₂ Emissions (231 g/kWh) ⁵	6 180 kg	3 178 kg	3 002 kg	2 825 kg	3 355 kg	3 532 kg	2 649 kg
Total cost savings up to		44%		49%		15%	
Payback time from		6 months		7 months		44 months	

GLOBAL PARAMETERS⁵: Period of operation: 60 months, 5 years, 25 480 operating hours | Operating times: 7 days per week, 52 weeks per year, 14 hours per day | Number of light points: 30

ONE LUMINAIRE, THREE OPTIONS

On the Downlight Comfort you can select between three light colors via slide switch: warm white 3000 K, daylight white 4000 K, cold white 5700 K. It can be used as a direct replacement for luminaires with compact fluorescent lamps and is suitable for use in dusty and humid environments thanks to high IP rating.

An additional advantage: wholesalers and installers can minimize their stock risks because they always have a luminaire with the right light color in stock.



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 Product can be operated on traditional ECG (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 DULUX T/E 32 W 7.77 €/piece, DULUX LED T/E32 HF & AC MAINS V 16W 25.15 €/piece, DL COMFORT DN 205 20 W 118.70 €/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.