SWITCH TO LED

LEDVANCE

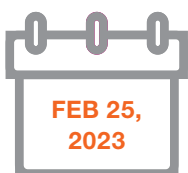FLUORESCENT LAMP BAN 2023

ALTERNATIVE LIGHTING OPTIONS FOR INDOOR CAR PARKS

YOUR CHALLENGE

Exchange of T8 fluorescent lamps lighting: Just like for outdoor car parks, safety and economic efficiency take center stage when it comes to lighting for indoor car parks. Since ceilings are usually quite low, wide-beam lighting is an absolute must. In addition, entrances and exits need to be illuminated more brightly to help eyes adjust to the changing lighting conditions. LED lighting can cover these requirements too and allows additionally significant energy savings as well as reduction of CO_2. Even further savings are feasible through the implementation of sensors.

GENERAL INFORMATION: AMENDMENT TO EU ROHS DIRECTIVE 2011/65/EU
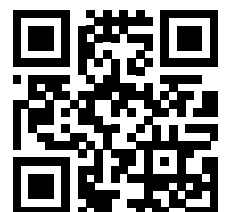
The EU RoHS Directive 2011/65/EU has been updated. With us as your strong partner, you can continue to make your lighting projects sustainable, future-proof and successful.

FEB 25, 2023

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

AUG 25, 2023

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 RETROFIT[1]

LED TUBE T8 EM ULTRA OUTPUT P 1500 mm 23.1W 840 4099854**037030** EAN (GTIN)

LED CONVERSION[1]

LED TUBE T8 EM CON P 1500 mm 24W 840 4058075**824010** EAN (GTIN) with Connected Sensor

LED LUMINAIRE

DAMP PROOF GEN 2 DP 1500 26W 840 IP65 GY 4058075**541146** EAN (GTIN)

TOTAL COST SAVINGS UP TO **77 %**

TOTAL CO_2 SAVINGS UP TO **82%**

PAYBACK TIME FROM **1** MONTHS

ENERGY SAVINGS UP TO **244 608** KWH

COST SAVINGS FOR ELECTRICITY UP TO **82 %**

	OLD: Traditional T8 58W	NEW: LED TUBE T8 EM ULTRA OUTPUT P 23.1W	Savings	NEW: LED TUBE T8 EM CON P 24W	Savings	NEW: Damp Proof Gen 2 DP 1500 26W	Savings
Guarantee		5 years[2]		5 years[2]		5 years[2]	
Efficiency	90 lm/W	160 lm/W		150 lm/W		135 lm/W	
System wattage	68 W (incl. losses at CCG)	24.1 W (incl. losses at CCG)		24 W (on AC)		26 W	
Average lifetime	15 000 h	60 000 h		50 000 h		70 000 h[3]	
Energy consumption of project	6.8 kW	2.4 kW		2.4 kW		2.6 kW	
Energy consumption over period of operation	297 024 kWh	105 269 kWh	191 755 kWh	52 416 kWh	244 608 kWh	113 568 kWh	183 456 kWh
CO_2 Emissions (231 g/kWh)[4]	68 613 kg	24 317 kg	44 295 kg	12 108 kg	56 504 kg	26 234 kg	42 378 kg
Total cost savings up to		63 %		77 %		55 %	
Payback time from		1 months		9 months		7 months	

GLOBAL PARAMETERS[4]: Period of operation: 60 months, 5 years, 43 680 operating hours, with Sensor 21 840 hours | **Operating times:** 7 days per week, 52 weeks per year, 24 hours per day | **Number of light points:** 100

LOTS OF ROOM FOR EFFICIENCY IMPROVEMENT

A strong combination for large indoor car parks: the LEDVANCE T8 Connected LED tube, installed in a robust DAMP PROOF HOUSING (IP65), is connected wirelessly to LEDVANCE Connected Sensor ST8 Low Bay via Zigbee.
Two-stage switching (0 % ⇄ 100 % and 20 % ⇄ 100 %) increases efficiency even further.

DAMP PROOF HOUSING 4058075**312470** EAN (GTIN)

FIND OUT MORE AT:

ledvance.com/tubes

ledvance.com/lampfinder

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