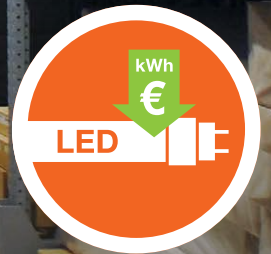




LEDVANCE

SWITCH TO LED NOW

# ALTERNATIVE LIGHTING FOR WAREHOUSE



## YOUR CHALLENGE

**Exchange of T8 fluorescent lamps lighting:** Upgrade your warehouse lighting to energy-efficient, CO2-reducing LED technology with LEDVANCE! Longer-lasting and more energy-efficient LED lighting can have a significant impact on your bottom line, as it can reduce operating costs through less downtime and lower energy consumption, as well as increase your employees' safety and productivity. Now is the perfect time to make the switch to LED lamps in warehouse applications.

## 4 OPTIONS FOR ALL SITUATIONS – HOW TO SWITCH

### SOLUTIONS WITH LED LAMPS



#### RETROFIT



Switching from fluorescent lamps to LED lamps in existing luminaires is quick, easy and economical – either as retrofits or conversions.

#### CONVERSION



### SOLUTIONS WITH LED LUMINAIRES



#### UPGRADE



If the focus is on optimal light output and quality, maximum efficiency and perhaps added benefits, it's worth upgrading the luminaires or installing new ones.

#### NEW INSTALLATION



The ban on mercury-containing and inefficient lamps has been in force since 2023. With high energy costs and increasing demand for sustainable lighting, now is the best time to move over to EU-compliant, energy-efficient and cost-effective LED lighting. Even more as conventional types are less and less available!



Directly go to  
[ledvance.com/  
lampfinder](https://www.ledvance.com/lampfinder)

### BEST PLANS, BEST LIGHT - OUR SERVICE OFFERING FOR YOUR PERFECT PROJECT MANAGEMENT

As your professional lighting partner we support you in your lighting projects with advice matched to your needs, a tailored selection of products and excellent service. From a single source.

Our experts are happy to advise you. You can reach us at: [contact@ledvance.com](mailto:contact@ledvance.com), +49 89 780673-600

YOUR SOLUTION

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



LED RETROFIT<sup>1</sup>  
SIMPLE 1:1 REPLACEMENT

LED TUBE T8 HF P  
1500 mm 20W 840  
4099854025990 EAN (GTIN)



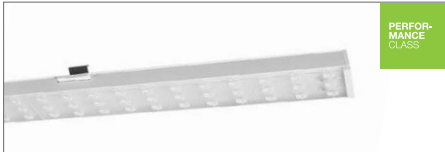
LED CONVERSION  
REWIRING OR MODIFICATION  
WHEN AN EMERGENCY LIGHTING  
SOLUTION IS NEEDED

LED TUBE T8 EXTERNAL P  
1500 mm 23W 840  
4058075730557 EAN (GTIN)



UPGRADE  
USING LED UPGRADE KITS

TRUSYS UNIVERSAL P  
73W 840 W CL PS  
4099854311628 EAN (GTIN)



	OLD: Traditional T8 58W	NEW: LED TUBE T8 HF P 20W	Savings	NEW: LED TUBE T8 EXTERNAL P 23W	Savings	NEW: TRUSYS UNIV P 73W W CL PS	Savings
Guarantee		5 years <sup>2</sup>		5 years <sup>2</sup>		5 years <sup>2</sup>	
Efficiency	90 lm/W	155 lm/W		161 lm/W		170 lm/W	
System wattage	58 W	22 W (incl. losses at ECG) <sup>3</sup>		23 W		73 W	
Average lifetime	15 000 h	75 000 h		50 000 h		100 000 h <sup>4</sup>	
Energy consumption of project	5.8 kW	2.2 kW		2.3 kW		3.65 kW	
Energy consumption over period of operation	217 152 kWh	82 368 kWh	134 784 kWh	86 112 kWh	131 040 kWh	136 656 kWh	80 496 kWh
CO <sub>2</sub> Emissions (231 g/kWh) <sup>5</sup>	50 162 kg	19 027 kg	31 135 kg	19 892 kg	30 270 kg	31 568 kg	18 595 kg
Total cost savings up to		59 %		59 %		30 %	
Payback time from		3 months		2 months		3 months	

GLOBAL PARAMETERS<sup>6</sup>: Period of operation: 60 months, 5 years, 37 440 operating hours | Operating times: 6 days per week, 52 weeks per year, 24 hours per day | Number of light points: 100 lamps, 50 luminaires

LEDVANCE LED TUBE EXTERNAL SYSTEM  
DIMMABLE – REPLACEABLE – FIT FOR EMERGENCY LIGHTING

The optimized system comprising LED tube and external driver is the perfect solution for upgrading existing fluorescent lighting systems with DALI-2 control gear to dimmable LED technology.

The system offers the following benefits:

- Suitable for emergency lighting, DALI-2 compatible and dimmable
- Sustainable and economical thanks to replaceable components
- Now also as short versions – LED TUBE T8 EXTERNAL in 600 mm and LED TUBE T5 EXTERNAL in 549 mm, 849 mm and HE28 1149 mm
- Also still available as longer versions and in 3000 K, 4000 K and 6500 K



FIND OUT MORE AT:



ledvance.com/  
trusys-universal



www.ledvance.com/  
ext-system

<sup>1</sup> Product can be operated on traditional CCG (Retrofit) or AC Mains (Conversion). | <sup>2</sup> Refer to www.ledvance.com/guarantee for precise conditions | <sup>3</sup> ECG losses depend on ECG type, check ECG compatibility before installation  
<sup>4</sup> t [h]: L80/B10 at 25 °C (T<sub>a</sub>) | <sup>5</sup> 2020 European level of GHG emission intensity of electricity generation (www.eea.europa.eu) | <sup>6</sup> Calculation Parameters: Replacement costs: Traditional T8 58W 5.45 €/piece, LED TUBE T8 HF P 20W 840 31.50€/kWh, LED TUBE T8 EXTERNAL P 23W 840 19.95 €/piece, TRUSYS UNIVERSAL P 73W W CL PS 152 €/piece, costs for exchanging: retrofit lamp 10.00 €/housing, conversion lamp 15.00 €/housing, luminaire 15.00 €/piece, electricity costs: 0.40 €/kWh. \*Illustrative pricing. Prices may vary in your country.