

PHILIPS

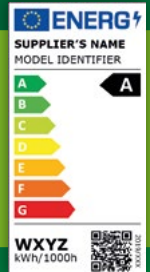
LED tubes



Real pros help their customers realize ultra energy savings

Introducing the Philips MASTER LEDtube Ultra Efficient T8: our most energy efficient LED tube yet.

A-class rating¹ for ultra energy savings



Are your customers worried about their energy costs?

With energy cost going through the roof, many companies are more aware of their energy consumption than ever. Lighting on average represents up to 25% of electricity consumption in buildings², so there is much to gain. Did you know there is great potential to save energy, even if you already have LED lights?

With the new Philips Ultra Efficient LEDtube you have the perfect retrofit lamp to help your customers save energy and money with high-quality, long-lasting and ultra energy-efficient LED.



Unbeatable arguments for your customers

- Saves up to 44% in energy costs compared to standard LED tubes³
- Ultra long lifetime of 100,000 hours – more than 3x longer than standard LED tubes
- Less than 5 months payback time compared with fluorescent tubes
- 10 years warranty

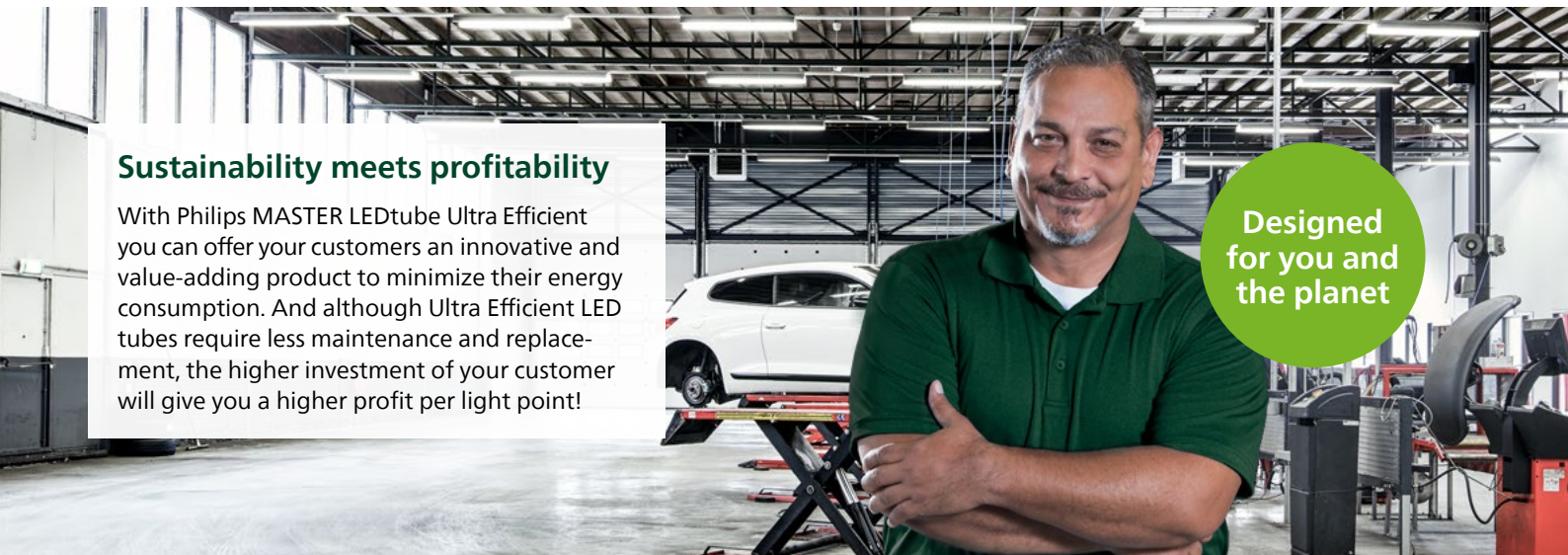
The Philips MASTER LEDtube Ultra Efficient is also available with a class B energy rating¹. To learn more visit: www.philips.com/ledtube

¹ According to the updated European Energy Labelling Regulation (09/2021)
² According to Signify modeling and market intelligence data
³ 'Standard LED tubes' refers to Philips CorePro LEDtube EM/mains Ultra Output operating on direct mains

Sustainability meets profitability

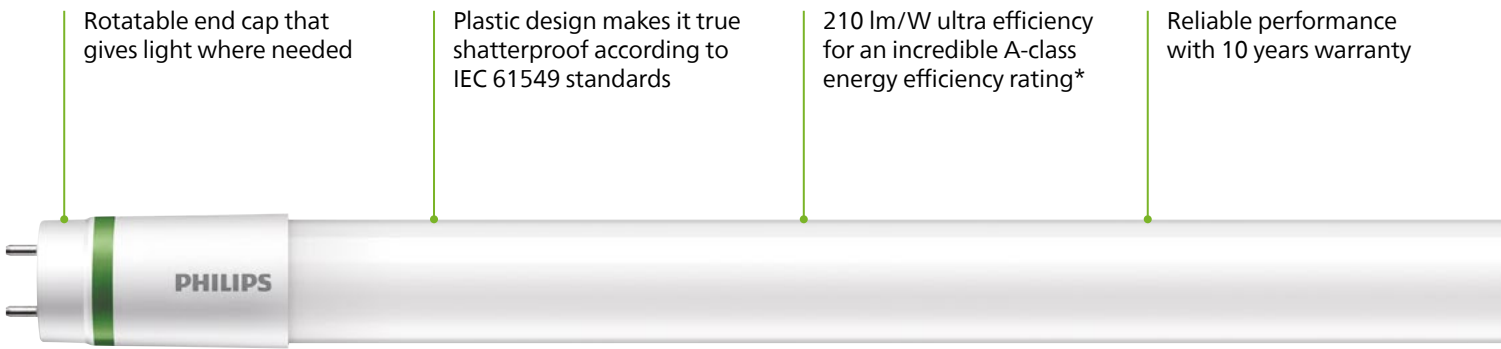
With Philips MASTER LEDtube Ultra Efficient you can offer your customers an innovative and value-adding product to minimize their energy consumption. And although Ultra Efficient LED tubes require less maintenance and replacement, the higher investment of your customer will give you a higher profit per light point!

Designed for you and the planet



Product highlights

The Philips MASTER LEDtube Ultra Efficient offers all the benefits of LED lighting – and more.



Rotatable end cap that gives light where needed

Plastic design makes it true shatterproof according to IEC 61549 standards

210 lm/W ultra efficiency for an incredible A-class energy efficiency rating*

Reliable performance with 10 years warranty

*According to the updated European Energy Labelling Regulation (09/2021)

Cost and CO₂ savings right from the start

When updating from fluorescent tubes, your customers can expect a full return on investment in only 5 months. A typical small warehouse will save 13,661 Euro by replacing 100 × 58W fluorescent tubes with 17.6W Ultra Efficient A-class LED tubes.¹

	Standard LED tube ²	MASTER LEDtube UE	Fluorescent tube	MASTER LEDtube UE
Lifetime	30,000 hrs	100,000 hrs	20,000 hrs	100,000 hrs
Lamp wattage	31.5W	17.6W	58W	17.6W
Total savings/year		3,544 €		13,661 €
Payback period		1.5 years		0.4 years

Number of lamps	100	Energy costs	0.29 €/kWh	Lamp cost/year	4.65 €	Total costs/year/lamp	49.80 €
Burning hours per year	8760 hrs ³	Replacement cost/year/lamp	0.44 €	Energy costs/year/lamp	44.71 €		

Compared to a fluorescent tube, a new Philips MASTER LEDtube UE can reduce CO₂ emissions by up to 2,285 kg over its lifetime⁴ – equivalent to the emissions absorbed by more than 103 trees⁵.

Compared to a standard LED tube, a new Philips MASTER LEDtube UE can reduce CO₂ emissions by up to 584 kg over its lifetime⁴ – equivalent to the emissions absorbed by more than 26 trees⁵.

¹ Calculation for a typical warehouse based on 100 × 58W fluorescent lamps with a lifetime of 20,000 hours vs 100 × 17.6W Ultra Efficient A-class LED tubes with a lifetime of 100,000 hours; 0.29 Euro energy cost/hour; 5 Euro replacement cost per lamp; 8760 burning hours per year.

² Standard LED tube refers to Philips CorePro LEDtube EM/mains Ultra Output operating on direct mains.

³ Energy use. Based on 24 hrs burning per day, 365 days per year.

⁴ Calculation based on CO₂ gas emissions of 0.42kg/kWh.

⁵ Based on multiple scientific literature, an average fully grown tree can absorb 22 kg CO₂ per year.

Order information

Product type	Power	Lumen output	Efficacy	Beam angle	CRI	Color temp.	Lifetime	EEL	EOC code
	W	lm	lm/W			K	hrs		8719514
MAS LEDtube 1200mm UE 11.9W 840 T8 EELA	11.9	2500	210	160°	80	4000	100,000	A	43166900
MAS LEDtube 1500mm UE 17.6W 840 T8 EELA	17.6	3700							43168300

