

# 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



Enable up to € 4,000 savings per year!<sup>2</sup>

ENERGY	
SUPPLIER'S NAME	
MODEL IDENTIFIER	
A	← A
B	
C	
D	
E	
F	
G	

WXYZ kWh/1000h

### 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 buildings, so there is much to gain.<sup>1</sup> 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.



- Saves up to 44% in energy costs<sup>2</sup>
- Ultra long lifetime of 100,000 hours - more than 2 x longer<sup>2</sup>
- Less than four months payback time<sup>3</sup>
- 10-year warranty

<sup>1</sup> According to Signify modeling and market intelligence data  
<sup>2</sup> Compared to standard LED tubes (Philips CorePro LEDtube EM/mains Ultra Output operating on direct mains)  
<sup>3</sup> Compared to fluorescent tubes



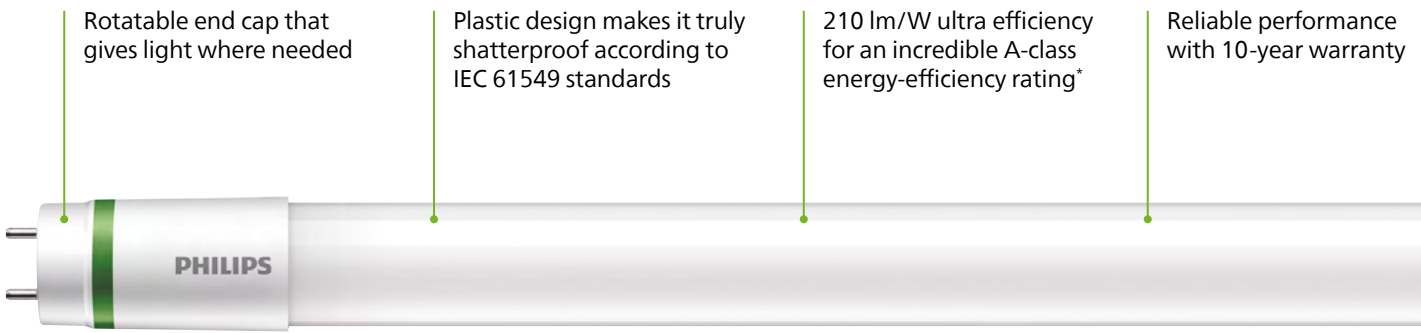
### Sustainability meets profitability

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



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

## Cost and CO<sub>2</sub> savings right from the start

When upgrading from fluorescent tubes, your customers can expect a full return on investment in only 4 months. A typical small warehouse will save € 16,044 by replacing 100 58W fluorescent tubes with 17.6W ultra-efficient A-class LED tubes.<sup>1</sup>

	Standard LED tube <sup>2</sup>	MASTER LEDtube UE	Fluorescent tube	MASTER LEDtube UE
Lifetime	50,000 hrs >	100,000 hrs	20,000 hrs >	100,000 hrs
Lamp wattage	31.5W >	17.6W	58W >	17.6W
Total savings/year		€ 3,944		€ 16,044
Payback period		1.3 years		0.3 years

Number of lamps	100	Energy costs	0.34 €/kWh	Lamp cost/year	€ 4.65	Total costs/year/lamp	€ 57.51
Burning hours per year	8,760 hrs <sup>3</sup>	Replacement cost/year/lamp	€ 0.44	Energy costs/year/lamp	€ 52.42		

Compared to a fluorescent tube, a new Philips MASTER LEDtube UE can reduce CO<sub>2</sub> emissions by up to 2,285 kg over its lifetime<sup>4</sup> – equivalent to the emissions absorbed by more than 103 trees.<sup>5</sup>

Compared to a standard LED tube, a new Philips MASTER LEDtube UE can reduce CO<sub>2</sub> emissions by up to 584 kg over its lifetime<sup>4</sup> – equivalent to the emissions absorbed by more than 26 trees.<sup>5</sup>

<sup>1</sup> Calculation is based on detailed information given in the table above.

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

<sup>3</sup> Energy use based on 24 burning hours per day, 365 days per year.

<sup>4</sup> Calculation based on CO<sub>2</sub> gas emissions of 0.42kg/kWh.

<sup>5</sup> Based on multiple scientific literature, an average fully grown tree can absorb 22 kg CO<sub>2</sub> 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	2,500	210	160°	80	4000	100,000	A	43166900
MAS LEDtube 1500mm UE 17.6W 840 T8 EELA	17.6	3,700							43168300
MAS LEDtube 1200mm UE 13.5W 840 T8	13.5	2,500	185			6500	70,000	B	33972900
MAS LEDtube 1200mm UE 13.5W 865 T8						4000			33974300
MAS LEDtube 1500mm UE 20W 840 T8	20	3,700				6500			33976700
MAS LEDtube 1500mm UE 20W 865 T8						4000			33978100
Coming soon:									
MAS LEDtube 1200mm UE 11.9W 865 T8 EELA	11.9	2,500	210	160°	80	6500	100,000	A	8720169
MAS LEDtube 1500mm UE 17.6W 865 T8 EELA	17.6	3,700							26959000
									26961300

