

# PHILIPS

LED bulbs

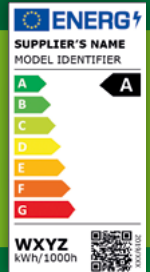


## Real pros help their customers realize ultra energy savings

Introducing Philips MASTER LEDbulbs Ultra Efficient: our most energy-efficient bulbs yet



New: our first ultra-efficient dimmable A-class bulb<sup>1</sup>



### Are your customers worried about their energy costs?

With energy costs 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>2</sup> Did you know there is great potential to save energy, even if you already have LED lights? With the ultra-efficient Philips A-class LED bulbs you have the perfect retrofit lamp to help your customers save energy and money with high-quality, long-lasting and ultra energy-efficient LED. Discover our ground-breaking innovation, the first dimmable A-class LED bulb, on page 2!



Saves up to 60% in energy costs<sup>3</sup>



Very long lifetime of 50,000 hours — more than 3.5 x longer<sup>3</sup>



Less than four months payback time<sup>4</sup>



5-year warranty



### More reasons to upgrade

- Available in full range, from 40W to 100W replacement
- Ultra efficient with up to 210 lm/W
- Very high-quality and comfortable light
- No flicker, reduced glare, CRI 80
- Now available in 2700K, 3000K and 4000K

Enable up to € 210 savings per year!<sup>5</sup>

<sup>1</sup> According to the updated European Energy Labelling Regulation (09/2021)

<sup>2</sup> According to Signify modeling and market intelligence data

<sup>3</sup> Compared to standard LED bulbs (Philips CorePro LEDbulb A60 60W)

<sup>4</sup> Compared with conventional halogen bulbs

<sup>5</sup> Upgrading from standard LED bulbs; calculation for 100 lamps, burning 1,460 hours/year

a lighting brand by Signify

# Our first dimmable A-class LED bulb

Innovative new features pioneering sustainable lighting.

Ever seen a dimmable A-class bulb? Here you go!



## Thermal

- Optimized filament position for better thermal control

## Optics

- Filament orientation designed for most efficient light output

## LED design

- High-efficiency phosphor
- Optimally balanced color point (CRI 80) in line with EU Ecodesign light source regulation
- Industry-leading LED chip for most efficient conversion of input power into light output

## Driver upgrade

- Optimization of driver architecture and component design to improve efficiency
- More compact size to fit into E-cap

## Payback before you know it

When upgrading from conventional bulbs, your customers can expect a full return on investment in only 4 months. A typical restaurant will save € 2,058 per year by replacing 100 units of 42W conventional bulbs with 4W ultra-efficient LED bulbs.<sup>1</sup>

	Standard LED bulb <sup>2</sup>	A-class LED bulb	Halogen bulb	A-class LED bulb
Lifetime	15,000 hrs >	50,000 hrs	2,000 hrs >	50,000 hrs
Lamp wattage	8W >	4W	42W >	4W
Total savings/year		€ 210		€ 2,058
Payback period		2.3 years		0.3 years

Number of lamps	100	Energy costs	0.34 €/kWh	Lamp cost/year	€ 0.22	Total costs/year/lamp	€ 2.24
Burning hours per year	1,460 hrs <sup>3</sup>	Replacement cost/year/lamp	€ 0.03	Energy costs/year/lamp	€ 1.99		

Compared with a standard LED bulb, a Philips LED bulb UE can reduce CO<sub>2</sub> emission by up to 8,400 kg over its lifetime.<sup>4</sup> This is the equivalent to the emission absorbed by more than 380 trees!<sup>5</sup>

Compared with a halogen bulb, a Philips LED bulb UE can reduce CO<sub>2</sub> emission by up to 79,800 kg over its lifetime.<sup>4</sup> This is the equivalent to the emission absorbed by more than 3,610 trees!<sup>5</sup>

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

<sup>2</sup> Standard LED bulb: Philips CorePro LEDbulb A60 60W.

<sup>3</sup> Based on 4 burning hours per day, 365 days per year.

<sup>4</sup> Calculation based on CO<sub>2</sub> gas emission of 0,25 kg/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	Bulb shape	Socket	Bulb finish	Power	Lumen output	Efficacy	CRI	Color temp.	Lifetime	Dimmable	EEL	EOC code		
				W	lm	lm/W		K	hrs			8720169		
New MAS LEDBulbND2.3-40W E27 827 A60 FR G UE	A60	E27	Frosted Glass	2.3	485			2700	50,000	no	A	18833400		
New MAS LEDBulbND2.3-40W E27 827 A60 CL G UE			Clear Glass									18829700		
MAS LEDBulbND2.3-40W E27 830 A60 CL G UE			Clear Glass									25404600		
New MAS LEDBulbND2.3-40W E27 830 A60 FR G UE			Frosted Glass									25408400		
New MAS LEDBulbND2.3-40W E27 840 A60 FR G UE			Frosted Glass									18841900		
MAS LEDBulbND2.3-40W E27 840 A60 CL G UE			Clear Glass									18837200		
New MAS LEDBulb D 4-60W E27 827 A60 CL G UE			Clear Glass		yes	24864900								
New MAS LEDBulbND4-60W E27 827 A60 CL G UE			Clear Glass		no	18845700								
New MAS LEDBulb D 4-60W E27 827 A60 FR G UE			Clear Glass		yes	24866300								
New MAS LEDBulbND4-60W E27 827 A60 FR G UE			Frosted Glass		no	18849500								
New MAS LEDBulb D 4-60W E27 830 A60 FR G UE			Frosted Glass		yes	24870000								
MAS LEDBulbND4-60W E27 830 A60 FR G UE			Clear Glass		no	25416900								
New MAS LEDBulb D 4-60W E27 830 A60 CL G UE			Clear Glass		yes	24868700								
MAS LEDBulbND4-60W E27 830 A60 CL G UE			Clear Glass			25412100								
MAS LEDBulbND4-60W E27 840 A60 CL G UE			Clear Glass			18853200								
MAS LEDBulbND4-60W E27 840 A60 FR G UE			Frosted Glass			18857000								
New MAS LEDBulbND5.2-75W E27 827 A60 FR G UE			Clear Glass			18865500								
New MAS LEDBulbND5.2-75W E27 827 A60 CL G UE			Clear Glass			18861700								
MAS LEDBulbND5.2-75W E27 830 A60 CL G UE			Clear Glass		5.2	1,095	210	80	3000	50,000		A	25420600	
New MAS LEDBulbND5.2-75W E27 830 A60 FR G UE			Frosted Glass						4000				25424400	
New MAS LEDBulbND5.2-75W E27 840 A60 FR G UE			Frosted Glass						4000				18873000	
MAS LEDBulbND5.2-75W E27 840 A60 CL G UE			Clear Glass						4000				18869300	
New MAS LEDBulbND7.3-100W E27 827 A60 CL G UE			Clear Glass						2700				18877800	
New MAS LEDBulbND7.3-100W E27 827 A60 FR G UE			Frosted Glass						2700				18881500	
MAS LEDBulbND7.3-100W E27 830 A60 FR G UE			Frosted Glass			7.3	1,535		3000			no	25432900	
MAS LEDBulbND7.3-100W E27 830 A60 CL G UE			Clear Glass						3000				25428200	
MAS LEDBulbND7.3-100W E27 840 A60 CL G UE			Clear Glass						4000				18885300	
MAS LEDBulbND7.3-100W E27 840 A60 FR G UE			Frosted Glass						4000				18889100	
New MAS LEDCandleND2.3-40W E14 827 B35 CL G UE			B35	E14	Clear Glass	2.3	485			2700	50,000	no	A	18893800
New MAS LEDCandleND2.3-40W E14 840 B35 CL G UE			Clear Glass											18895200
New MAS LEDLusterND2.3-40W E14 827 P45 CL G UE	P45	Clear Glass	18897600											
MAS LEDLusterND2.3-40W E14 840 P45 CL G UE		Clear Glass	18903400											
New MAS LEDLusterND2.3-40W E27 827 P45 CL G UE		Clear Glass	18899000											
New MAS LEDLusterND2.3-40W E27 840 P45 CL G UE	Clear Glass		4000											
New MAS LEDBulbND4-60W E27 827 ST64 CL G UE	ST64	E27	Clear Glass	4	840			2700	50,000	no	A	20274000		
New MAS LEDBulbND4-60W E27 827 G95 CL G UE	G95											Clear Glass	20276400	
New MAS LEDBulbND4-60W E27 840 G95 CL G UE												Clear Glass	20278800	

