

PHILIPS

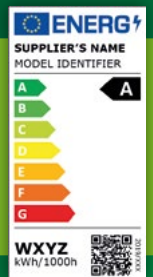
LED bulbs

Real pros upgrade to ultra-efficiency

Introducing the first Philips A-class LED bulb:
your choice for next-level savings and sustainability.



A-class
rating¹ for
first-rate
savings



Who wants to live forever: apparently this A-class LED bulb! Because this new savings sensation consumes 60% less energy with 3.5x the lifetime as compared to standard LED bulbs. And that not only makes it the sustainable star for companies who want more efficient, up-to-date solutions, but also the obvious choice for all those looking to profit from European Green Deal² program funding when renovating their lighting. So, no matter what your customer's reasons are, you have an ultra-good answer to all their questions.

REAL
PROS
REAL
QUALITY

More sustainable performance

- Ultra efficient with up to 210lm/W
- Saves up to 60% energy compared to a standard LED bulb
- Ultra long lifetime of 50k hours – 3.5x longer than a standard LED bulbs
- Very short payback period of only 5 months, when upgrading from halogen bulbs

More reasons to upgrade

- Full glass design – heritage look and feel that customers like
- Very high-quality and comfortable light
- No flicker, reduced glare, CRI 80
- Perfect solution for offices, residential, and hospitality applications
- Available as 40W and 60W replacement

EU regulations for more sustainability

In September 2021, the EU implemented two updated regulations, both with the goal of further expanding the lighting industry's lead in sustainability by delivering significant energy savings for lighting products and systems.

- **The Ecodesign Regulation (SLR):** aims to improve product performance and sustainability
- Products that fail to meet requirements will be phased out
- **The Energy Labelling Regulation:** introduced a new consumer-friendly energy label to empower end users to choose energy efficient products
- The new scale reflects how efficient a product is – the definition of A to G has been changed based on the new efficacy requirements



The new Philips A-class LED bulbs with 210lm/W
achieve an incredible class A energy efficiency rating!

¹ According to the updated European Energy Labelling Regulation (09/2021)
² Get more information on signify.com/greenswitch

Technical leader of the pack

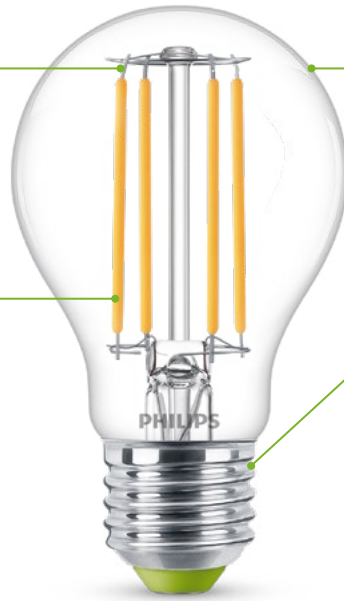
The Philips A-class LED bulb is a true breakthrough on the way to more sustainable lighting:

Thermal

- Optimized filament position for better thermal control

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



Optics

- Filament orientation designed for most efficient 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 updating from halogen bulbs, your customers can expect a full return on investment in under five months.

	Standard LED bulb ¹		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	9W	>	4W		42W	>	4W
Total savings/year			124 €				1,110 €
Payback period			2.9 years				0.4 years

Number of lamps	50	Energy costs	0,127 €/kWh ²	Lamp cost/year	0.73 €	Total costs/year/lamp	2.60 €
Burning hours per year	3600 hrs ²	Replacement cost/year/lamp	0.14 €	Energy costs/year/lamp	1.73 €		

Compared to a standard LED bulb, one Philips A-class LED bulb can reduce CO₂ emissions by up to an additional 105 kg over its lifetime. That's the equivalent of the CO₂ emissions absorbed by up to 4.5 trees!⁴

Compared to a halogen bulb, one Philips A-class LED bulb can reduce CO₂ emissions by up to an additional 798 kg over its lifetime. That's the equivalent of the CO₂ emissions absorbed by up to 36 trees!⁴

¹ Standard LED bulb refers to Philips LED classic 60W A60 E27 ² Energy use. Based on 12 hrs burning per day, 300 days per year.

³ Energy price. Based on the European average of 12.7 cent/kWh. ⁴ Based on multiple scientific literature, an average fully grown tree can absorb 22 kg CO₂ per year.

Order information

Product type	Bulb shape	Socket	Power	Lumen output	Efficacy	CRI	Color temp.	Lifetime	EEL	EOC code
			W	lm	lm/W		K	hrs		8719514
MAS LEDBulbND2.3-40W E27 830 A60 CL G EELA	A60	E27	2.3	485	210	80	3000	50,000	A	420731
MAS LEDBulbND2.3-40W E27 840 A60 CL G EELA										420755
MAS LEDBulbND4-60W E27 830 A60 CL G EELA			4	840						420779
MAS LEDBulbND4-60W E27 840 A60 CL G EELA										420793

