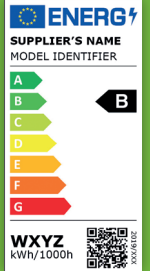


# PHILIPS

LED spots



Ultra Efficient LED spots<sup>1</sup> for ultra energy savings



## Real pros help customers realize ultra energy savings

Philips MASTER LEDspot Ultra Efficient GU10: our most energy efficient LED spot yet



### 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<sup>2</sup>, so there is much to gain. Did you know there is great potential to save energy, even if you already have LED lights? With Philips Ultra Efficient LED spots you have the perfect retrofit lamp to help your customers save energy and money with high-quality, long-lasting and ultra energy efficient LED.



Start saving energy and money now! Visit [www.philips.com/ultraefficientprof](http://www.philips.com/ultraefficientprof) for more information.

### Unbeatable arguments for your customers

- Saves up to 50% in energy costs compared to standard LED spots<sup>3</sup>
- Ultra long lifetime of 50,000 hours – more than 3x longer than standard LED spots
- Less than 3 months payback time compared with conventional halogen spots
- Compared to a halogen spot, an Ultra Efficient LED spot can reduce CO<sub>2</sub> emissions by up to 999 kg over its lifetime - equivalent to the emissions absorbed by more than 45 trees<sup>4</sup>
- 5 year warranty



### 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 MASTER LEDspot Ultra Efficient GU10 saves 50% energy compared with standard LED spots!

<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> Standard LED spot refers to Philips LEDspot GU10 50W

<sup>4</sup> Check cost and CO<sub>2</sub> savings information on the next page for more details

# Technical leader of the pack

The Philips MASTER LEDspot Ultra Efficient GU10 is a true breakthrough on the way to more sustainable lighting:

## LED design

- Special LED design with compact size fit for small size spot lights
- High efficiency phosphor
- Best LED system integration design to enable highest driver and optical efficiency

## Optics

- Special lens design to optimise light output efficiency

## Driver

- Revolutionary driver design boosts energy efficiency, dramatically reducing power consumption.

## Thermal

- Excellent thermal management system for ultra long lifetime of up to 50,000 hours



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

When upgrading from halogen spots, your customers can expect a full return on investment in only 2.5 months. A typical small shop will save 1773 Euro by replacing 100 halogen spots (50 W) with the Ultra Efficient ones<sup>1</sup>.

	Standard LED spot <sup>2</sup>	MASTER LEDspot UE	Halogen Spot	MASTER LEDspot UE
<b>Lifetime</b>	15 000 hrs	50 000 hrs	2000 hrs	50 000 hrs
<b>Lamp wattage</b>	4.6 W	2.4 W	50 W	2.4 W
<b>Total savings/ year</b>		384 €		7771 €
<b>Payback period</b>		3.4 years		0.2 years

Number of lamps	100	Energy costs	0.29 €/kWh	lamp cost/ year	1.63 €	Total costs/ year/ lamp	5.45 €
Burning hours per year	4800 hrs <sup>3</sup>	Replacement cost/ year/ lamp	0.48 €	Energy costs/ year/ lamp	3.4 €		

Compared to a halogen GU10, a new Philips MASTER LEDspot Ultra Efficient GU10 can reduce CO<sub>2</sub> emissions by up to 999 kg over its lifetime<sup>4</sup> – equivalent to the emissions absorbed by more than 45 trees<sup>5</sup>.

Compared to a standard LED spot, a new Philips MASTER LEDspot Ultra Efficient GU10 can reduce CO<sub>2</sub> emissions by up to 42.6 kg over its lifetime<sup>4</sup> – equivalent to the emissions absorbed by more than 2 trees<sup>5</sup>.

<sup>1</sup> Calculation for a typical small shop based on 100 x 50W halogen GU10 with a lifetime of 2,000 hrs vs 100 x 2.4W MASTER LEDspot UE GU10 with a lifetime of 50,000 hrs, 0.29 Euro energy cost/hour, 5 Euro replacement cost per lamp, 4800 burning hours per year.

<sup>2</sup> Standard LED spot refers to Philips LEDspot GU10 50W.

<sup>3</sup> Energy use based on 16 hrs burning per day, 300 days per year.

<sup>4</sup> Calculation based on CO<sub>2</sub> gas emissions of 0,42 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	Cap	Power	Lumen output	Replaced wattage	CRI	Color temp.	Lifetime	EEL	EOC code
			W	lm	W		K	hrs		8719514
MAS LED spot UE 2.4-50W GU10 ND 830 EELB	PAR16	GU10	2.4	380	50	80	3000	50,000	B	42174500
MAS LED spot UE 2.4-50W GU10 ND 840 EELB							4000			42178300

