

PHILIPS

LED lamps



Real pros support sustainability goals with high-performance, ultra-efficient LED

Introducing the first ultra-efficient Philips LED SON-T lamps to replace conventional HID



Ultra-efficient replacement of conventional SON-T



Many cities and municipalities today are trying to reduce their energy costs – and their carbon footprint. Are you aware that significant energy and CO₂ emission savings in road and street lighting are still possible, even if your customers have already switched to LED lights? Introducing ultra-efficient Philips LED SON-T lamps, the long-lasting retrofit solution that's easy to install and that enables your customers to lower their energy bills significantly!

REAL PROS
REAL QUALITY



Saves 65% in energy costs²



Very long lifetime of 50,000 hours (L70)



2.7 years payback time²



5-year warranty



More reasons to upgrade

- Similar look and feel to conventional SON-T lamps
- Direct retrofit solution with little installation effort
- Ultra-efficient with 210 lm/W
- Very long lifetime for less maintenance costs
- High-quality light with as much as 9,000 lm output
- Available with E27 and E40 sockets

Enable € 6,027 savings per year!²

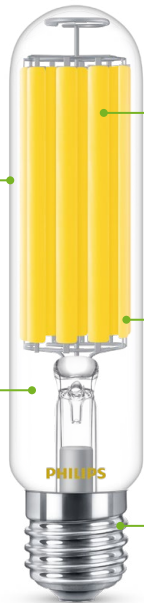
Learn more on philips.com/ultraefficientprof

Product highlights

The Philips MASTER LED SON-T UltraEfficient offers all the benefits of LED lighting — and more!

Impressive output:
Maximum performance
meets ultra-efficiency

High efficiency GaN
driver design



Ultra-efficient
LED SON-T lamps
to replace
conventional
HID

As much as 9,000 lm output
thanks to mega-filament

E27/E40 end caps

Brighter roads, lighter energy bills

When upgrading from conventional HID lamps, your customers can expect a full return on investment in 2.7 years. A typical installation will save € 6,027 by replacing 100 units of 100W conventional HID lamps with 42.8W ultra-efficient A-class LED SON-T.²

	Conventional HID ²	MASTER LED SON-T UE
Lifetime (L70)	20,000 hrs	50,000 hrs
Lamp wattage	100W	42.8W
Total installation savings/year ²		€ 6,027
Payback period ²		2.7 years

Number of lamps	100	Energy costs	0.25 €/kWh	Lamp cost/year	€ 13.12	Total costs/year/lamp	€ 57.81
Burning hours per year	4,100 hrs	Replacement cost/year/lamp	€ 0.82	Energy costs/year/lamp	€ 43.87		

Compared to a conventional HID lamp², a new Philips MASTER LED SON-T UE can reduce CO₂ emission by 1043 kg over it's lifetime³ and its annual energy savings can can power an e-bike for 3,556 kilometers!⁴

Order information

Product type	Power	Lumen output	Replaced wattage	CRI	Socket	Color temp.	Lifetime	EEL	EOC code
	W	lm	W			K	hrs		
MAS LED SON-T UE M 4Klm 19W 740 E27	19	4,000	50	70	E27	4000	50,000	A	37419500
MAS LED SON-T UE M 6Klm 28.5W 740 E27	29	6,000	70						37421800
MAS LED SON-T UE M 9Klm 42.8W 740 E40	43	9,000	100						37423200
MAS LED SON-T UE M 3.6Klm 19W 727 E27	19	3,600	50		E27	2700		B	37425600
MAS LED SON-T UE M 5.4Klm 28.5W 727 E27	29	5,400	70						24037700
MAS LED SON-T UE M 8Klm 42.8W 727 E40	43	8,000	100						24039100

¹ This icon has been developed by Signify and is used as a self-certification for the Philips UltraEfficient lamps meeting the standards of EU Energy Label A or B.

² Philips MASTER SON-T UE 42.8W compared to Philips SON-T 100W E40 lamps (incl. 10W ballast losses). The lights are on for an average of 12 hours per day, 365 days of the year (4,100 hours annually). The average energy cost is 0.252 €/kWh according to the latest Eurostat report, and it is calculated for the non-household consumers in Europe, valid in H12023, based on 27 countries, all taxes and levies included. The data presented is an illustrative forecast based on a proprietary model developed by Signify to help customers understand the impact of lighting on the environment. Signify's „Green Switch conventional light point conversion model“ uses input from numerous sources, references, and data points (available upon request) to generate a simulated view of a given market's energy consumption, but the accuracy of which cannot be verified. The thousand separator is a comma (,) and the decimal separator is a period (.).

³ Based on the emission factor of 0.3 kg/kWh, Europe average. Greenhouse gases emitted per unit of generated electricity, measured in grams of CO₂ equivalents per kilowatt-hour as of 2023 based on Our World in Data.

⁴ Average annual distance of one e-bike sharing is 10.000 km (click here for more details). One e-bike annual charging is 225 kWh/km (click here for more details).

