

PHILIPS

Public lighting

TrueForce Road



Lighting mess or road to success?

Real professionals count on **Philips TrueForce LED Road** – a cost effective LED lamp alternative for street lighting



**REAL
PROs**
**REAL
QUALITY**

Philips TrueForce LED Road.

Enhance light quality in outdoor environment

Philips TrueForce LED Road is the world's first direct (Plug&Play) replacement SON-T LED lamp for street lighting, making it easy to upgrade existing installations to LED without a need to rewire or change a luminaire. It is the simplest way to start saving on energy consumption and improve light quality, while keeping your initial investment low.

“I was truly amazed with the light output and light distribution from this light source which replicates a discharge lamp.”

Oxford, UK



Upgrade your street lighting to LED and benefit from **instant saving and low initial costs**

- **Fast payback** – mostly less than two years
- **Easy installation** – no need to rewire or changing the fixture
- **Perfect Fit** – compact size and low weight (225g)
- **Enhance safety and comfort** with white light and realistic color rendering



TrueForce Road benefits. Powerful reasons to switch to LED.



Energy saving
up to 48%



Direct LED replacement solution without changing the fixture



Reliable lifetime
up to 50.000 hours



Optically efficient, emits light towards usage direction



Right lamp size and lighting distribution for direct retrofit



Pleasant white light with CRI 70



Save on street lighting

TrueForce Road LED lamps are a high quality alternative for conventional lamps used in street lighting applications. They allow to reduce power consumption by nearly half and they are also easy to install. They enable to reduce the time needed to maintain, replace and fit each street light, including the knock-on time required for road closures.

Right light – good light output and realistic colors

With the same burning and location as conventional high pressure sodium, TrueForce Road LED utilizes optics of luminaires designed around HID and distributes light to exactly where it's needed. It provides a crisp, white light (4,000K) and improved color rendering index of 70 (comparing to 25 CRI and yellowish light of high pressure sodium). This enhances people's sense of safety on roads, pedestrian and cycle paths, as well as in parks. It combines the right lumen package with high system efficacy to maximize energy saving.

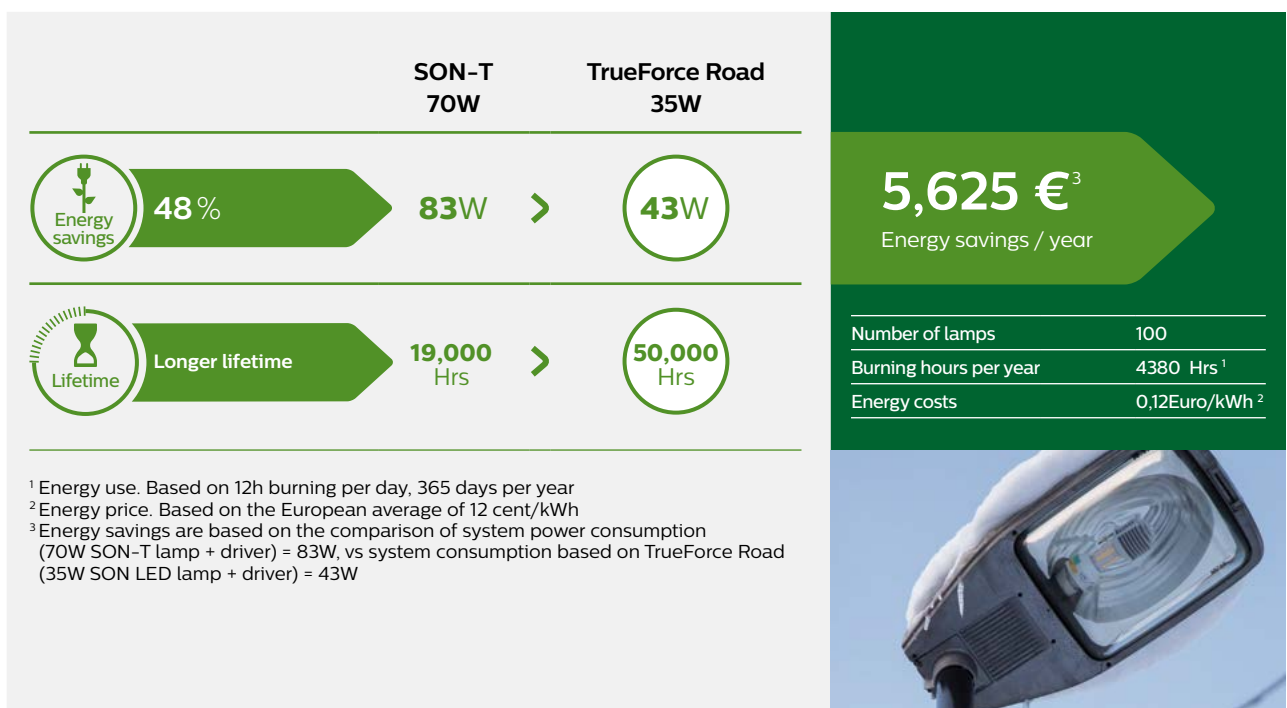
Low investment, long lifetime

With a low initial investment and fast payback time, TrueForce Road is the number one choice for anyone looking to upgrade to LED. The cost of upgrading to a white LED light consists only of the cost of replacing the conventional light source. The TrueForce range also offers a reliable lifetime of up to 50,000 hours. It ensures low maintenance needs and has a five-year warranty. So you can look forward to long-term savings too.

“ For a low cost, Philips Trueforce provides better light quality and a safer outdoor environment compared to a 70W high pressure sodium lamp. The installation of the LED TrueForce SON-T was easy to perform like any other regular lamp replacement.”

Nacka municipality in Sweden.

Calculate energy savings



Technical specifications



TrueForce LED Road



NON-DIMMABLE



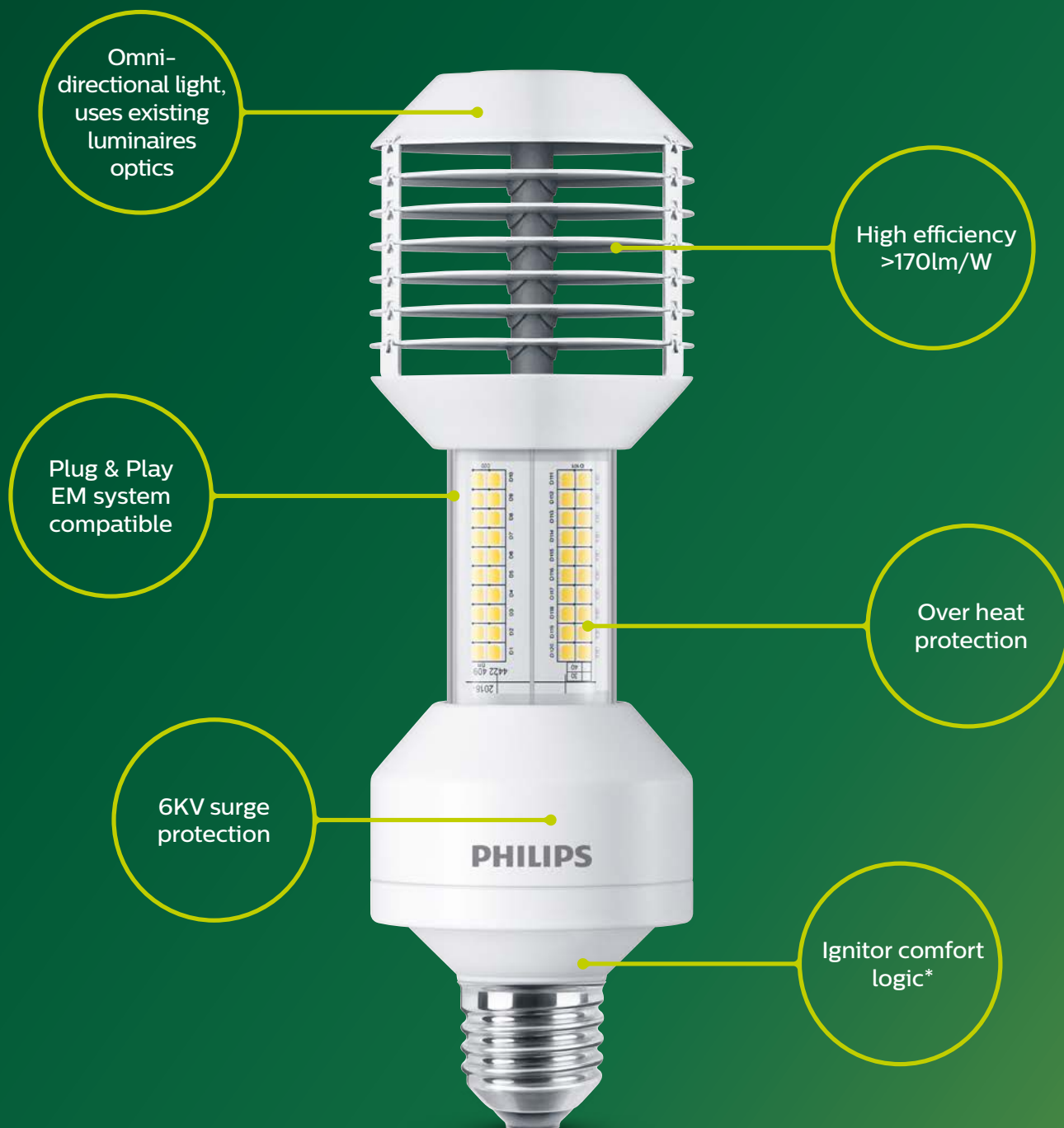
EEL



DIMENSIONS

Product type	LED	Traditional	Cap/socket	Color temp	Lumen output	Life time	Voltage	Input Current	12NC	EOC
	W	W		K	lm	h	V	mA		(8718696)
TForce LED Road 60-35W E27 740	35	70	E27	4.000	6000	50.000	70-80	920	929001898502	81117700
TForce LED Road 55-35W E27 730	35	70	E27	3.000	5500	50.000	70-80	920	929001898402	8702400

Design highlights



*The TrueForce LED does not need an ignitor to start functioning. However in a system where ignitor is already installed, when starting the LED lamp, the ignitor will function anyway. The "ignitor comfort logic" mimics conventional lamp operation and as a result ignitor stops working. This feature also allows that a system with a failed ignitor or without an ignitor can continue working.



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