

# PHILIPS

TrueForce Core LED

Road lighting

## Real pros tell HID to hit the road

Discover the new Philips TrueForce Core LED Road (SON) – the first full glass LED lamp for road lighting.

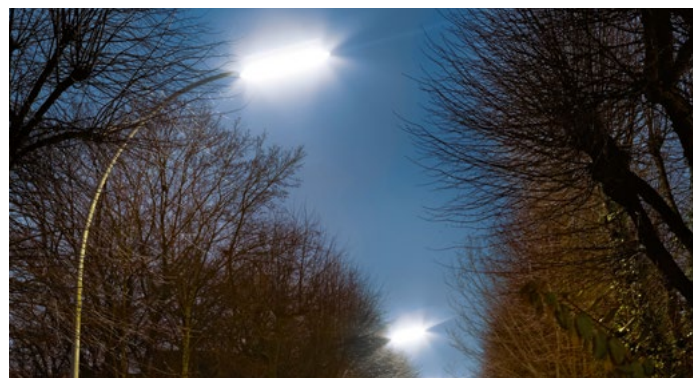


With the new Philips TrueForce Core LED Road, replacing conventional SON-T lamps with highly efficient, cost-saving LED has never been easier. As a quick payback solution, these lamps offer all the benefits of LED lighting while providing instant savings with a low investment. They provide the same lamp size and light distribution and can easily retrofit existing SON-T lamps while offering a similar look and feel. Enjoy high-power LED filament technology that's got more going for it.

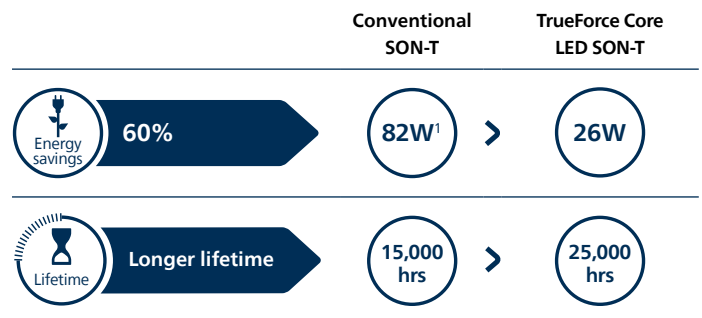
**REAL  
PROS  
REAL  
QUALITY**

### Benefits and features

- First LED lamp for road lighting made from glass
- Enables up to 60% energy saving compared to conventional road lighting
- Lower initial investment, shorter payback time
- High efficiency thanks to advanced driver design (GaN technology)
- Lifetime of 25,000 hours
- Direct retrofit solution with E27/E40 cap
- Up to 7500 lm output thanks to mega-filament
- IP65 for long-lasting outdoor use
- Good color rendering (Ra 70) and color temperatures of 3000 and 4000 K



### Instant savings ahead



Number of lamps	100
Burning hours per year	4380 hrs <sup>2</sup>
Energy costs	0.12 €/kWh <sup>3</sup>
Lifetime (hrs)	25,000
Installation cost/light source	≈35 €
Lamp cost	43.50 €
Relative annual cost/lamp	7.62 €

**2,882 €**

Energy savings/year

**< 14 months**

Payback time

**Make the sustainable choice: Over its lifetime, the new Philips TrueForce Core LED Road saves the equivalent of the CO<sub>2</sub> emissions absorbed by 2,673 trees!**

<sup>1</sup> Including ballast loss. Lamp consumption is 70W.

<sup>2</sup> Energy use. Based on 12h burning per day, 365 days per year.

<sup>3</sup> Energy price. Based on the European average of 12 cent/kWh.

For warranty conditions, visit [www.lighting.philips.com/main/support/support/warranty](http://www.lighting.philips.com/main/support/support/warranty)



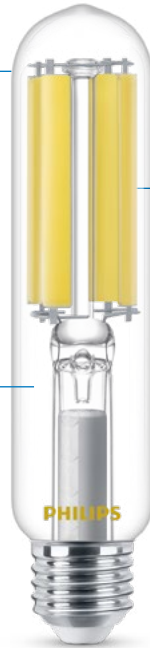
## The TrueForce Core LED Road up close

**Save up to 60% energy** through the benefits of a high efficacy LED solution.

- The TrueForce Core LED lamp's efficacy is higher than 150 lm/W
- High efficiency GaN driver design

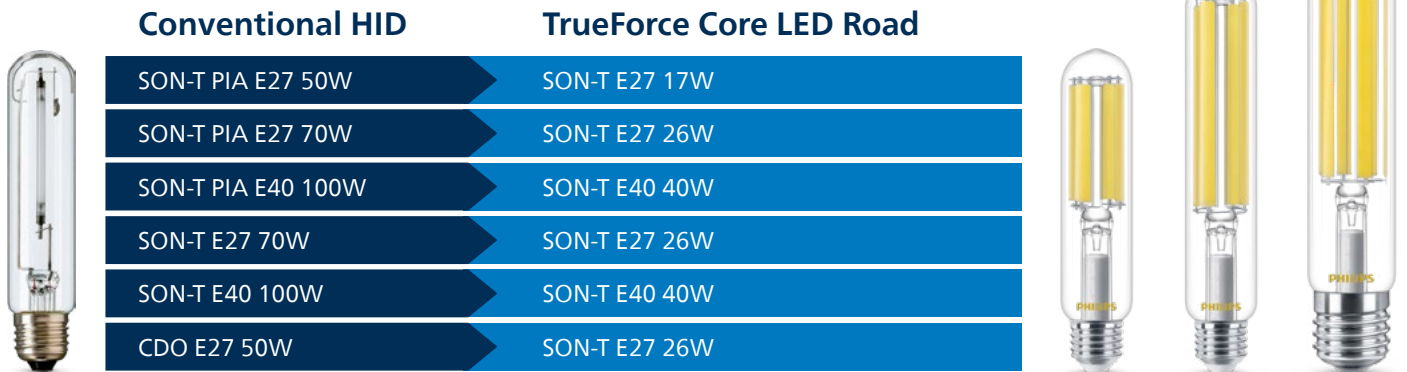
### Full glass design

- Similar look and feel as conventional HID lamps for road lighting
- Familiar look for your customers – easy to choose and recommend the right product
- Reuse the existing luminaire to get similar light distribution



### Easy installation

- Retrofit lamp design with E27/E40 lamp cap
- Similar tubular size for less fitting issues
- Save an additional 10–15W by bypassing the existing gear



Replacement with average equivalence – the average perceived light effect/lux levels of LED lamp during the life are comparable to conventional HID.

## Order information

Product type	LED	Lumen output	Input current	CRI	Color temp.	Lifetime	EEL	EOC code
	W	lm	mA		K	hrs		87195
TForce Core LED road 17W 730 E27 MV	17	2800	80	70	3000	25,000	C	14316256
TForce Core LED road 17W 740 E27 MV		3000		70	4000		C	14316270
TForce Core LED road 26W 730 E27 MV	26	4200	120	70	3000		C	14316294
TForce Core LED road 26W 740 E27 MV		4500		70	4000		C	14316317
TForce Core LED road 40W 730 E40 MV	40	7200	178	70	3000		C	14316331
TForce Core LED road 40W 740 E40 MV		7500		70	4000		B	14316355

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All technical information can be found at [www.philips.com/trueforce-led-lamps](http://www.philips.com/trueforce-led-lamps)