



# The cost-effective LED replacement for HID and SON Road lamps with MASTER – LED HID SON-T

## Trueforce Core LED SON-T

Philips CorePro LED HID SON-T lamps offer you an easy, short-payback LED solution to replace High Intensity Discharge (HID) lamps. This new generation of products brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while providing instant savings with a low initial investment. Furthermore, they're designed to have the same lamp size and light distribution as other HID lamps, so you will never know the difference. All thanks to our HighPower LED filament technology. Plus, its unique IP65 design means that it can be used for outdoor applications

### Benefits

- Cost-saving lamps with short payback time
- Low initial investment
- Easy way to enhance lighting quality

### Features

- High energy-efficiency
- Long lifetime of 50,000 hours
- Right size and light distribution for retrofits
- Direct LED replacement, no need to change the luminaire
- Pleasant white light with CRI70
- Surge protection 6KV

# Trueforce Core LED SON-T

## Application

- Road and Street
- Tunnel
- Car parks

## Warnings and Safety

- Please refer to the installation guide or consult a Philips Lighting representative for the wiring diagram and instructions.

## Versions

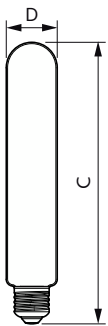
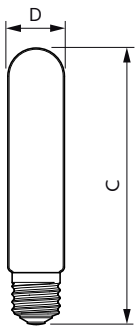


LEDTrueforce Core road Tshape E27



LEDTrueforce Core road Tshape E40

## Dimensional drawing

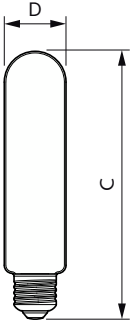


Product	D	C
TForce Core LED road 40W 730 E40 MV	46 mm	225 mm
TForce Core LED road 40W 740 E40 MV	46 mm	225 mm

Product	D	C
TForce Core LED road 26W 730 E27 MV	38 mm	210 mm
TForce Core LED road 26W 740 E27 MV	38 mm	210 mm

# Trueforce Core LED SON-T

## Dimensional drawing



Product	D	C
TForce Core LED road 17W 730 E27 MV	38 mm	170 mm
TForce Core LED road 17W 740 E27 MV	38 mm	170 mm

General Information	
Switching Cycle	15,000
Nominal lifetime	25,000 h
Light Technical	
Colour rendering index (CRI)	70
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Starting time (nom.)	0.5 s
Temperature	
Ambient temperature range	-30 to +45 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T-shape

## General Information

Order Code	Full Product Name	Cap base
929002484802	TForce Core LED road 17W 730 E27 MV	E27
929002484902	TForce Core LED road 17W 740 E27 MV	E27
929002485002	TForce Core LED road 26W 730 E27 MV	E27
929002485102	TForce Core LED road 26W 740 E27 MV	E27
929002485202	TForce Core LED road 40W 730 E40 MV	E40
929002485302	TForce Core LED road 40W 740 E40 MV	E40

## Light Technical

Order Code	Full Product Name	Correlated		
		Colour Temperature	Colour Code	Luminous Flux
929002484802	TForce Core LED road 17W 730 E27 MV	3000 K	730	2,800 lm
929002484902	TForce Core LED road 17W 740 E27 MV	4000 K	740	3,000 lm
929002485002	TForce Core LED road 26W 730 E27 MV	3000 K	730	4,200 lm

Order Code	Full Product Name	Correlated		
		Colour Temperature	Colour Code	Luminous Flux
929002485102	TForce Core LED road 26W 740 E27 MV	4000 K	740	4,500 lm
929002485202	TForce Core LED road 40W 730 E40 MV	3000 K	730	7,200 lm
929002485302	TForce Core LED road 40W 740 E40 MV	4000 K	740	7,500 lm

## Operating and Electrical

# Trueforce Core LED SON-T

Order Code	Full Product Name	Power Consumption
929002484802	TForce Core LED road 17W 730 E27 MV	17 W
929002484902	TForce Core LED road 17W 740 E27 MV	17 W
929002485002	TForce Core LED road 26W 730 E27 MV	26 W

Order Code	Full Product Name	Power Consumption
929002485102	TForce Core LED road 26W 740 E27 MV	26 W
929002485202	TForce Core LED road 40W 730 E40 MV	40 W
929002485302	TForce Core LED road 40W 740 E40 MV	40 W

## Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
929002484802	TForce Core LED road 17W 730 E27 MV	29.7 °C
929002484902	TForce Core LED road 17W 740 E27 MV	29.7 °C
929002485002	TForce Core LED road 26W 730 E27 MV	38.7 °C

Order Code	Full Product Name	T-Case maximum (nom.)
929002485102	TForce Core LED road 26W 740 E27 MV	38.7 °C
929002485202	TForce Core LED road 40W 730 E40 MV	26 °C
929002485302	TForce Core LED road 40W 740 E40 MV	26 °C

## Approval and Application

Order Code	Full Product Name	Energy consumption kWh/ 1,000 hours
929002484802	TForce Core LED road 17W 730 E27 MV	17 kWh
929002484902	TForce Core LED road 17W 740 E27 MV	17 kWh
929002485002	TForce Core LED road 26W 730 E27 MV	26 kWh
929002485102	TForce Core LED road 26W 740 E27 MV	26 kWh
929002485202	TForce Core LED road 40W 730 E40 MV	40 kWh
929002485302	TForce Core LED road 40W 740 E40 MV	40 kWh

