

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

## CorePro - LED HID SON-T

The new Philips Trueforce Core LED 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 saving 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 High-Power LED filament technology. Plus, its unique IP65 design means it can be used for outdoor applications.

### Benefits

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

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## Features

- High Energy efficient lamps
- Long lifetime – 25,000 hrs
- Surge protection 2KV
- Pleasant white light with CRI 70
- Omnidirectional light around lamp
- Additional Energy saving by Direct Mains connection
- IP65 product (IP rated sockets required for outdoor application)

## Application

- Road and Street
- Tunnel
- Parking Garages

## Warnings and Safety

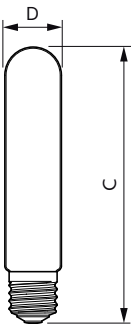
- Please refer to the installation guide or consult a Philips Lighting representative for the wiring diagram and instructions.

## Versions



LEDTForce Core road Tshape E27 1

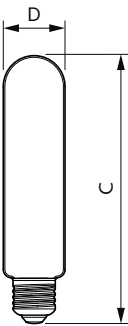
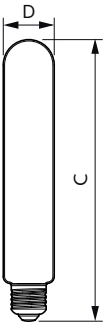
## Dimensional drawing



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

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## Dimensional drawing



Product	D	C
TForce Core LED road 26W 730 E27 MV	38.5 mm	213 mm
TForce Core LED road 26W 740 E27 MV	38.5 mm	213 mm

Product	D	C
TForce Core LED road 17W 730 E27 MV	38.5 mm	168 mm
TForce Core LED road 17W 740 E27 MV	38.5 mm	168 mm

General Information	
Nominal lifetime	25,000 hour(s)
Light Technical	
Color 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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T-shape
Approval and Application	
Ambient temperature range	-30 to +45 °C

## General Information

Order Code	Full Product Name	Cap-Base	Switching Cycle
929002484802	TForce Core LED road 17W 730 E27 MV	E27	15,000
929002484902	TForce Core LED road 17W 740 E27 MV	E27	15,000
929002485002	TForce Core LED road 26W 730 E27 MV	E27	15,000
929002485102	TForce Core LED road 26W 740 E27 MV	E27	15,000
929002485202	TForce Core LED road 40W 730 E40 MV	E40	50,000
929002485302	TForce Core LED road 40W 740 E40 MV	E40	50,000

## Light Technical

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Order Code	Full Product Name	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color 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	Beam Angle (Nom)	Correlated Color		
			Temperature (Nom)	Color 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	330 degree(s)	3000 K	730	7,200 lm
929002485302	TForce Core LED road 40W 740 E40 MV	330 degree(s)	4000 K	740	7,500 lm

Operating and Electrical

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	39.8 °C
929002484902	TForce Core LED road 17W 740 E27 MV	39.8 °C
929002485002	TForce Core LED road 26W 730 E27 MV	44.55 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002485102	TForce Core LED road 26W 740 E27 MV	44.55 °C
929002485202	TForce Core LED road 40W 730 E40 MV	49 °C
929002485302	TForce Core LED road 40W 740 E40 MV	49 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/
		1000 h
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

