



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

## Trueforce Core LED 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

### 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



LEDTForce Core road Tshape E27

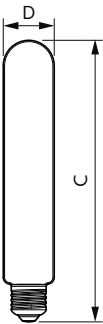
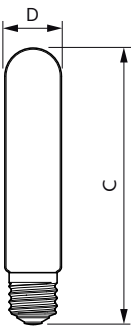


LEDTForce Core road Tshape E27 1



LEDTForce Core road Tshape E40

## Dimensional drawing

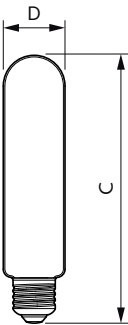


Product	D	C
TForce Core LED road 40W 730 E40 MV	46 mm	225 mm
TForce Core LED road 40W 740 E40 MV	46 mm	225 mm

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
31625600	TForce Core LED road 17W 730 E27 MV	E27
31627000	TForce Core LED road 17W 740 E27 MV	E27
31629400	TForce Core LED road 26W 730 E27 MV	E27
31631700	TForce Core LED road 26W 740 E27 MV	E27
31633100	TForce Core LED road 40W 730 E40 MV	E40
31635500	TForce Core LED road 40W 740 E40 MV	E40

## Light Technical

Order Code	Full Product Name	Correlated Colour	Colour	
		Temperature	Code	Luminous Flux
31625600	TForce Core LED road 17W 730 E27 MV	3000 K	730	2,800 lm
31627000	TForce Core LED road 17W 740 E27 MV	4000 K	740	3,000 lm
31629400	TForce Core LED road 26W 730 E27 MV	3000 K	730	4,200 lm

Order Code	Full Product Name	Correlated Colour	Colour	
		Temperature	Code	Luminous Flux
31631700	TForce Core LED road 26W 740 E27 MV	4000 K	740	4,500 lm
31633100	TForce Core LED road 40W 730 E40 MV	3000 K	730	7,200 lm
31635500	TForce Core LED road 40W 740 E40 MV	4000 K	740	7,500 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption
31625600	TForce Core LED road 17W 730 E27 MV	17 W

Order Code	Full Product Name	Power Consumption
31627000	TForce Core LED road 17W 740 E27 MV	17 W

Trueforce Core LED SON-T

Order Code	Full Product Name	Power Consumption
31629400	TForce Core LED road 26W 730 E27 MV	26 W
31631700	TForce Core LED road 26W 740 E27 MV	26 W

Order Code	Full Product Name	Power Consumption
31633100	TForce Core LED road 40W 730 E40 MV	40 W
31635500	TForce Core LED road 40W 740 E40 MV	40 W

Temperature

Order Code	Full Product Name	T-Case maximum (nom.)
31625600	TForce Core LED road 17W 730 E27 MV	29.7 °C
31627000	TForce Core LED road 17W 740 E27 MV	29.7 °C
31629400	TForce Core LED road 26W 730 E27 MV	38.7 °C

Order Code	Full Product Name	T-Case maximum (nom.)
31631700	TForce Core LED road 26W 740 E27 MV	38.7 °C
31633100	TForce Core LED road 40W 730 E40 MV	26 °C
31635500	TForce Core LED road 40W 740 E40 MV	26 °C

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours
31625600	TForce Core LED road 17W 730 E27 MV	17 kWh
31627000	TForce Core LED road 17W 740 E27 MV	17 kWh
31629400	TForce Core LED road 26W 730 E27 MV	26 kWh
31631700	TForce Core LED road 26W 740 E27 MV	26 kWh
31633100	TForce Core LED road 40W 730 E40 MV	40 kWh
31635500	TForce Core LED road 40W 740 E40 MV	40 kWh

