



# Trueforce Core LED SON-T



## TForce Core LED road 17W 730 E27 MV

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.

### Warnings and Safety

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

### Product data

General Information		Luminous efficacy (rated) (nom.)	
Cap base	E27 [E27]		164.00 lm/W
Nominal lifetime	25,000 h	Colour consistency	<6
Switching Cycle	15,000	Colour rendering index (CRI)	70
Lighting Technology	LED	LLMF at end of nominal lifetime (nom.)	70 %
Flux measurement reference	Sphere	Flickering value (PstLM)	1
CE mark	Yes	Stroboscopic effect	3.3
EU RoHS compliant	Yes	Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Colour Code	730 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Luminous Flux	2,800 lm	Input frequency	50 to 60 Hz
Colour designation	White (WH)	Power Consumption	17 W
Correlated Colour Temperature	3000 K	Lamp current (nom.)	80 mA
		Starting time (nom.)	0.5 s

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Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220–240 V
Max. lamp no. on MCB B type 10A — Mains	9
Max. lamp no. on MCB B type 10A — EM ballast without Comp. Cap.	-
Max. lamp no. on MCB B type 10A — EM ballast with Comp. Cap.	-
Max. lamp no. on MCB B type 16A — Mains	14
Max. lamp no. on MCB B type 16A — EM ballast without Comp. Cap.	-
Max. lamp no. on MCB B type 16A — EM ballast with Comp. Cap.	-

## Temperature

Ambient temperature range	-30 to +45 °C
T-Case maximum (nom.)	29.7 °C

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Lamp Finish	Clear
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Bulb shape	T-shape
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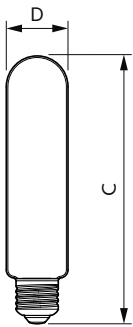
## Approval and Application

Energy Efficiency Class	C
Energy consumption kWh/1,000 hours	17 kWh
EPREL registration number	1641604

## Product Data

Order product name	TForce Core LED road 17W 730 E27 MV
Full product name	TForce Core LED road 17W 730 E27 MV
Full EOC	871951431625600
Order code	31625600
Material no. (12 NC)	929002484802
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8719514316256
Numerator – packs per outer box	6
EAN/UPC - Case	8719514316263

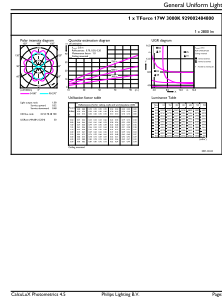
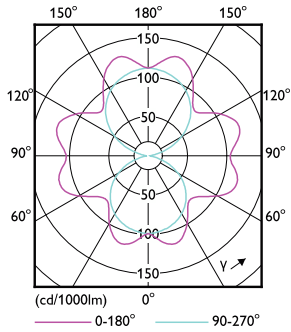
## Dimensional drawing



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

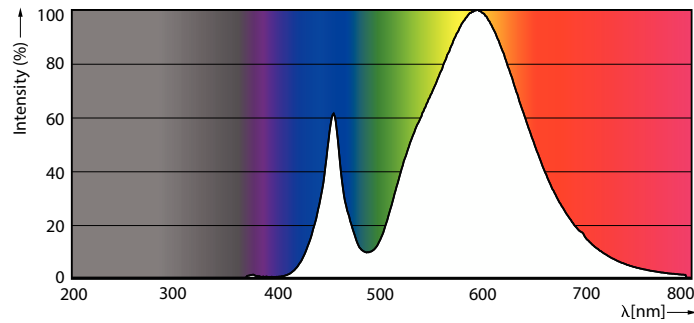
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## Photometric data



Light Distribution Diagram - TForce Core LED road 17W 730 E27 MV

General uniform lighting - TForce Core LED road 17W 730 E27 MV



Spectral Power Distribution Colour - TForce Core LED road 17W 730 E27 MV

## Lifetime



Life Expectancy Diagram - TForce Core LED road 17W 730 E27 MV



Lumen Maintenance Diagram - TForce Core LED road 17W 730 E27 MV

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