



Trueforce Core LED SON-T



TForce Core LED road 17W 740 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	
Cap base	E27
Nominal lifetime	25,000 h
Switching Cycle	15,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Colour Code	740 [CCT of 4000K]
Luminous Flux	3,000 lm
Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	176.00 lm/W
Colour consistency	<6

Colour rendering index (CRI)	70
LLMF at end of nominal lifetime (nom.)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	17 W
Lamp current (nom.)	80 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (nom.)	220-240 V
Ballast Compatibility	Mains

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Inrush current at mains	10.1
Max. lamp no. on MCB B type 10A — Mains	9
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A — Mains	14
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-

Temperature

T-Case maximum (nom.)	39.8 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Clear
Bulb shape	T-shape
Net Weight (Piece)	0.077 kg

Approval and Application

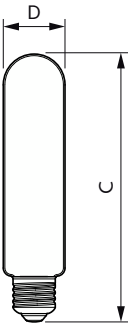
Energy Efficiency Class	C
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Energy consumption kWh/1,000 hours	17 kWh
EPREL Registration Number	1641605
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	3.3
Ambient temperature range	-30 to +45 °C

Product Data

Order product name	TForce Core LED road 17W 740 E27 MV
Full product name	TForce Core LED road 17W 740 E27 MV
Full EOC	871951431627000
Order code	31627000
Material no. (12 NC)	929002484902
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514316270
Numerator – packs per outer box	6
EAN/UPC - Case	8719514316287

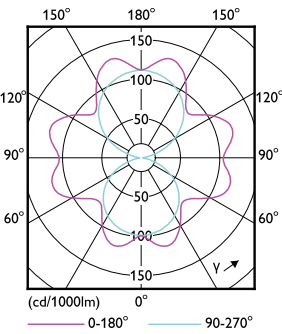
Dimensional drawing



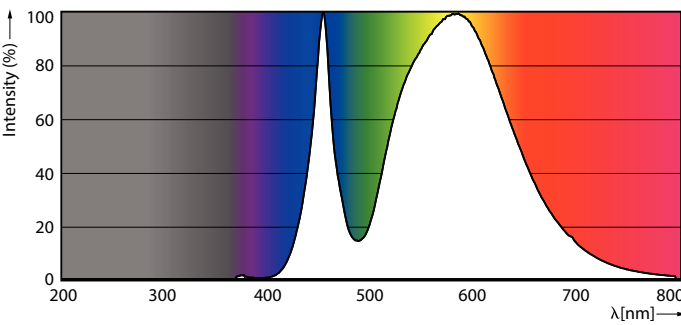
Product	D	C
TForce Core LED road 17W 740 E27 MV	38.5 mm	168 mm

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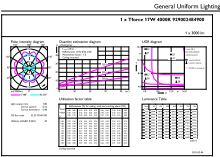
Photometric data



Light Distribution Diagram - TForce Core LED road 17W 740 E27 MV

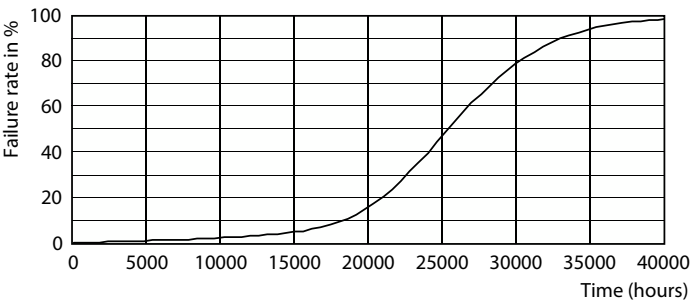


Spectral Power Distribution Colour - TForce Core LED road 17W 740 E27 MV

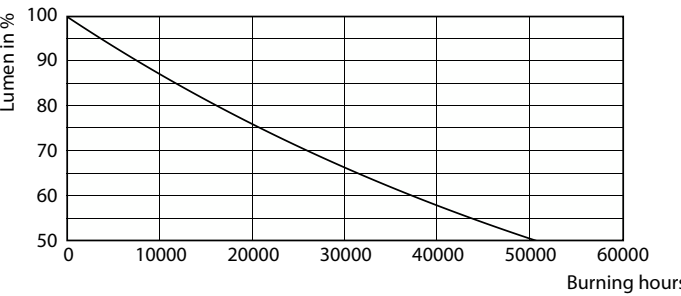


General uniform lighting - TForce Core LED road 17W 740 E27 MV

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED road 17W 740 E27 MV

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