



Trueforce Core LED SON-T



TForce Core LED road 17W 730 E27 MV

CorePro, LED, Mains only, 17 W, E27, 3000 K, 2800 lm, CRI 70, 25000 h

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

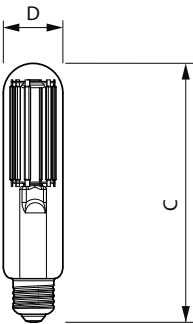
General Information	
Cap base	E27
Nominal lifetime	25,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Colour Code	730 [CCT of 3000K]

Beam angle (nom.)	330 degree(s)
Luminous Flux	2,800 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	164 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

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Operating and Electrical	
Line Frequency	50 to 60 Hz
Input frequency	50 to 60 Hz
Power Consumption	17 W
Lamp current (nom.)	125 mA
Starting time (nom.)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (nom.)	220-240 V
Inrush current at mains	7.8
Max. lamp no. on MCB B type 10A — Mains	58
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	93
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.	-
Wattage Equivalent (LED HID only)	SON-T 50W
Ballast Compatibility	Mains only
Temperature	
T-Case maximum (nom.)	36.8 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear

Dimensional drawing

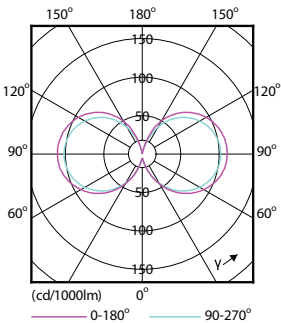


Net Weight (Piece)	0.081 kg
Approval and Application	
Energy Efficiency Class	C
Energy-saving product	Yes
Energy consumption kWh/1,000 hours	17 kWh
EPREL Registration Number	2329497
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	3.3
Ambient temperature range	-30 to +45 °C
Application Conditions	
Can it be used in closed luminaires	Yes
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	929002484802
Material no. (12 NC)	929002484802
Numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514316256
Numerator – packs per outer box	6
EAN/UPC - Case	8719514316263

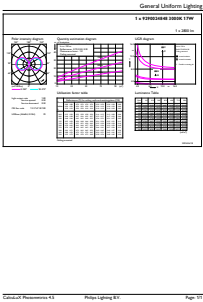
Product	D	C
TForce Core LED road 17W 730 E27 MV	38.5 mm	168 mm

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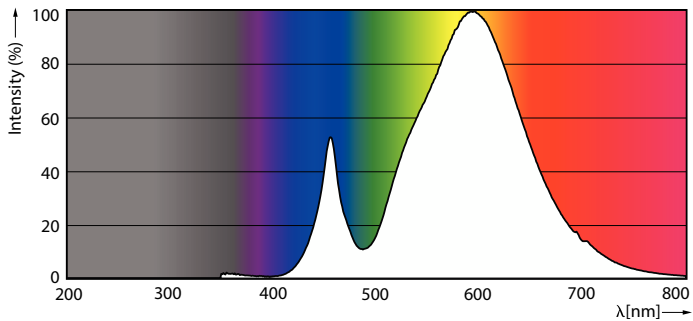
Photometric data



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

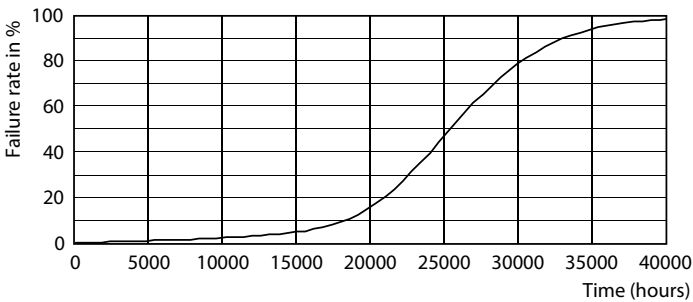


General uniform lighting - TForce Core LED road 17W 730 E27 MV

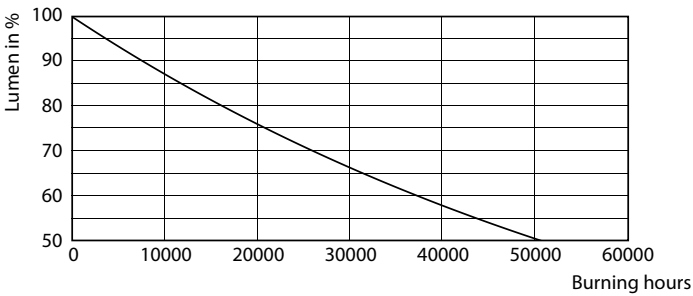


Spectral Power Distribution Colour - TForce Core LED road 17W 730 E27 MV

Lifetime



Life Expectancy Diagram



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

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