



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

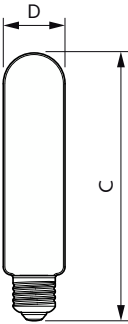
General Information		Operating and Electrical	
Cap base	E27	Luminous efficacy (rated) (nom.)	176.00 lm/W
Nominal lifetime	25,000 h	Colour consistency	<6
Switching Cycle	15,000	Colour rendering index (CRI)	70
Lighting Technology	LED	LLMF at end of nominal lifetime (nom.)	70 %
Flux measurement reference	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		Line Frequency	50 to 60 Hz
Colour Code	740 [CCT of 4000K]	Input frequency	50 to 60 Hz
Luminous Flux	3,000 lm	Power Consumption	17 W
Colour designation	Cool White (CW)	Lamp current (nom.)	80 mA
Correlated Colour Temperature	4000 K	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
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 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.	-
Ballast Compatibility	Mains
Temperature	
Ambient temperature range	-30 to +45 °C
T-Case maximum (nom.)	29.7 °C
Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T-shape
Approval and Application	
Energy Efficiency Class	C
Energy consumption kWh/1,000 hours	17 kWh
EPREL registration number	1641605
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
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8719514316270
Numerator – packs per outer box	6
EAN/UPC - Case	8719514316287

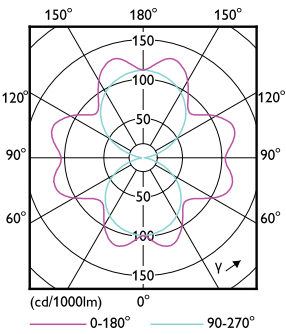
Dimensional drawing



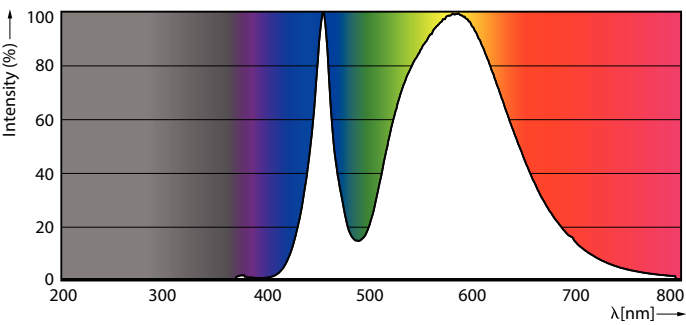
Product	D	C
TForce Core LED road 17W 740 E27 MV	38 mm	170 mm

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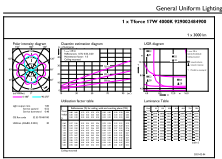
Photometric data



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

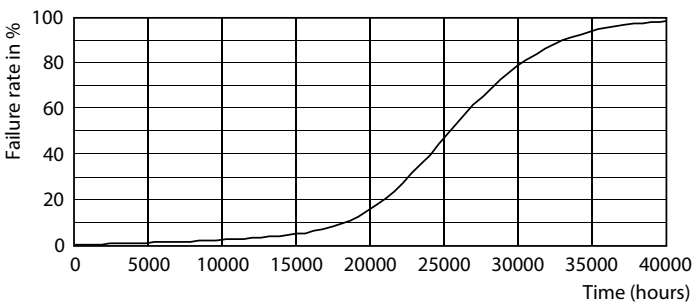


Spectral Power Distribution Colour - TForce Core LED road 17W 740 E27 MV

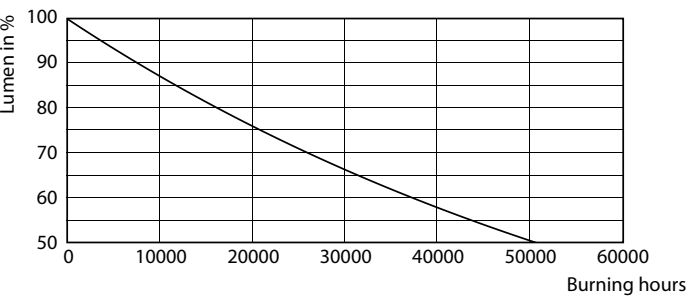


General uniform lighting - TForce Core LED road 17W 740 E27 MV

Lifetime



Life Expectancy Diagram - TForce Core LED road 17W 740 E27 MV



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

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