Lighting

PHILIPS



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

eneral Information		Colour rendering index (CRI)	70
p base	E27	LLMF at end of nominal lifetime (nom.)	70 %
ominal lifetime	25,000 h	Photobiological safety according to EN 62471	RG1
itching Cycle	15,000		
hting Technology	LED	Operating and Electrical	
ux measurement reference	Sphere	Line Frequency	50 to 60 Hz
		Input frequency	50 to 60 Hz
ght Technical		Power Consumption	17 W
our Code	740 [CCT of 4000K]	Lamp current (nom.)	80 mA
ninous Flux	3,000 lm	Starting time (nom.)	0.5 s
our designation	Cool White (CW)	Warm-up time to 60% light	0.5 s
rrelated Colour Temperature (Nom)	4000 K	Power Factor (Fraction)	0.9
iminous efficacy (rated) (nom.)	176.00 lm/W	Voltage (nom.)	220-240 V
lour consistency	<6	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 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T-shape
Net Weight (Piece)	0.077 kg
Approval and Application	
Energy Efficiency Class	С

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
Material no. (12 NC) Numerator – quantity per pack	929002484902 1
Numerator – quantity per pack	1
Numerator – quantity per pack EAN/UPC – Product/Case	1 8719514316270

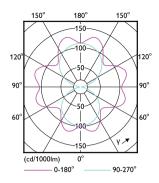
Dimensional drawing

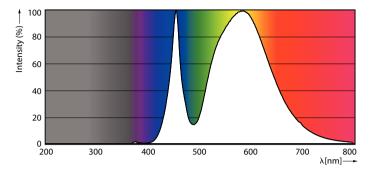


Product	D	с
TForce Core LED road 17W 740 E27 MV	38.5 mm	168 mm

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Photometric data





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

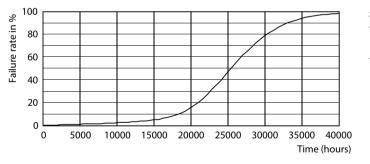
Spectral Power Distribution Colour - TForce Core LED road 17W 740 E27 MV

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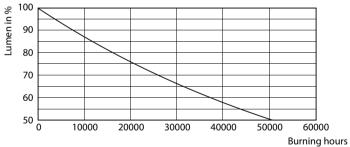
Philes Lighting 8.5

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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