



# Trueforce Core LED SON-T

## TForce Core LED road 40W 730 E40 MV

CorePro, LED, Mains only, 40 W, E40, 3000 K, 7200 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.

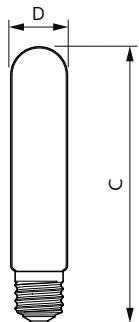
### Product data

General Information		
Cap base	E40	
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		7,200 lm
Colour designation		White (WH)
Correlated Colour Temperature (Nom)		3000 K
Luminous efficacy (rated) (nom.)		180 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		Net Weight (Piece)	0.157 kg
Line Frequency	50 to 60 Hz		
Input frequency	50 to 60 Hz		
Power Consumption	40 W		
Lamp current (nom.)	178 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		
Inrush current at mains	24.5		
Max. lamp no. on MCB B type 10A — Mains	11		
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	18		
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 100W		
Ballast Compatibility	Mains only		
Temperature			
T-Case maximum (nom.)	49 °C		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Lamp Finish	Clear		
Approval and Application			
Energy Efficiency Class	C		
Energy-saving product	Yes		
Energy consumption kWh/1,000 hours	40 kWh		
EPREL Registration Number	574359		
CE mark	Yes		
EU RoHS compliant	Yes		
Flickering value (PstLM)	1		
Stroboscopic effect	2		
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 40W 730 E40 MV		
Full product name	TForce Core LED road 40W 730 E40 MV		
Full EOC	871951431633100		
Order code	929002485202		
Material no. (12 NC)	929002485202		
Numerator – quantity per pack	1		
EAN/UPC – Product/Case	8719514316331		
Numerator – packs per outer box	6		
EAN/UPC - Case	8719514316348		

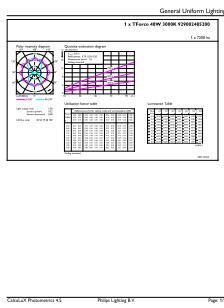
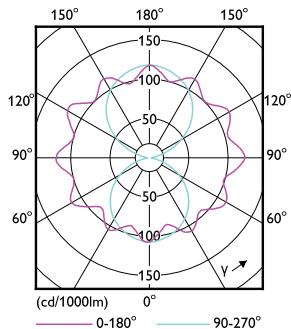
## Dimensional drawing



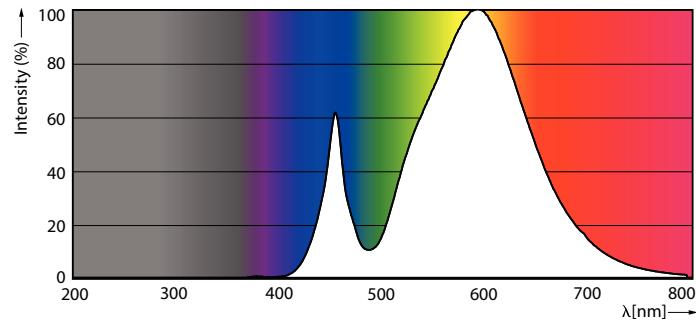
Product	D	C
TForce Core LED road 40W 730 E40 MV	46 mm	225 mm

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## Photometric data



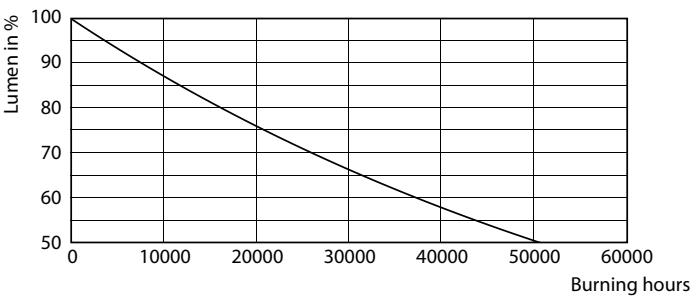
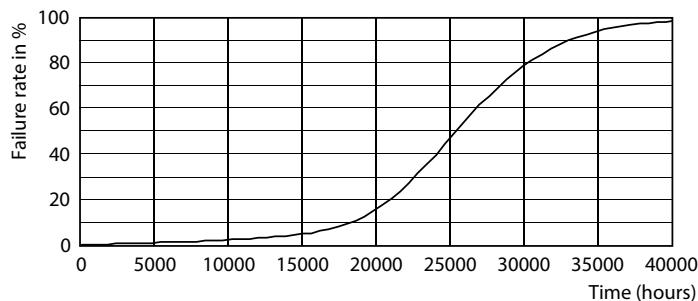
Light Distribution Diagram - TForce Core LED road 40W 730 E40 MV



General uniform lighting - TForce Core LED road 40W 730 E40 MV

Spectral Power Distribution Colour - TForce Core LED road 40W 730 E40 MV

## Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - TForce Core LED road 40W 730 E40 MV

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2025, May 15 – data subject to change