



# 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

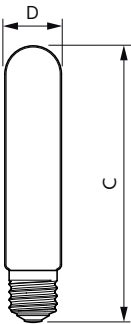
General Information	
Cap base	E40
Nominal lifetime	25,000 h
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Colour Code	730 [CCT of 3000K]

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	
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

Dimensional drawing

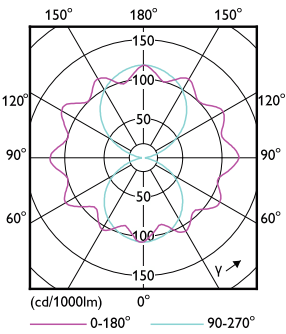


Net Weight (Piece)	0.157 kg
Approval and Application	
Energy Efficiency Class	C
Energy-saving product	Yes
Energy consumption kWh/1,000 hours	40 kWh
EPREL Registration Number	574359
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	2
Ambient temperature range	-30 to +45 °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

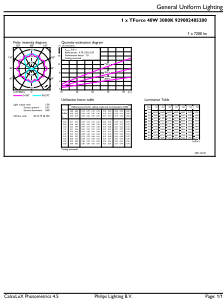
Product	D	C
TForce Core LED road 40W 730 E40 MV	46 mm	225 mm

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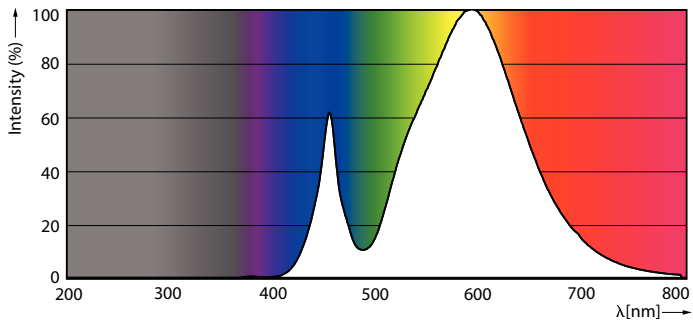
Photometric data



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

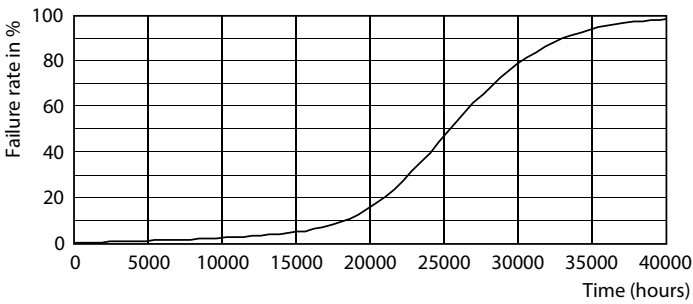


General uniform lighting - TForce Core LED road 40W 730 E40 MV

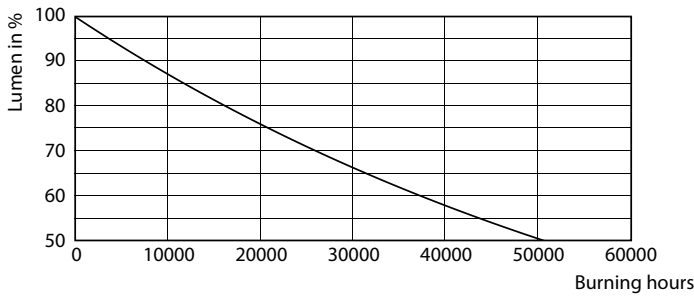


Spectral Power Distribution Colour - TForce Core LED road 40W 730 E40 MV

Lifetime



Life Expectancy Diagram



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

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