

Trueforce Core LED SON-T



TForce Core LED road 45W 730 E40 MV

LED SON-T, Tubular, Mains only, 45 W, SON-T 150/100W, E40, 3000 K, 8800 lm, CRI 70, 25000 h

LED SON-T, Tubular, Mains only, 45 W, LED alternative to SON-T 150/100W, E40, 3000 K, 8800 lm, CRI 70, 25000 h, 195 lm/W, EEL B, PF 0.9, Glass, RG1, IP65, SVM 2.5, PstLM 1

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 SON-T
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Colour Code	730 [CCT of 3000K]
Beam angle (nom.)	330 degree(s)
Luminous Flux	8,800 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	195 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
Operating and Electrical	
Input frequency	50 to 60 Hz
Power Consumption	45 W
Lamp current (nom.)	198 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	24.53
Max. lamp no. on MCB B type 10A — Mains	10

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Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	NA
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	NA
Max. lamp no. on MCB B type 16A – Mains	17
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	NA
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	NA
Wattage Equivalent (LED HID only)	SON-T 150/100W
Ballast Compatibility	Mains only

Temperature

T-Case maximum (nom.)	41 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Clear
Bulb material	Glass
Bulb shape	Tubular
Net Weight (Piece)	0.175 kg

Approval and Application

Energy Efficiency Class	B
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Energy-saving product	Yes
Energy consumption kWh/1,000 hours	45 kWh
EPREL Registration Number	2329502
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	2.5
Ambient temperature range	-30 to +45 °C

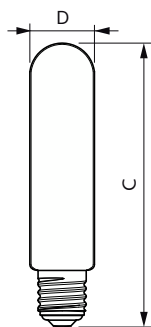
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	TForce Core LED road 45W 730 E40 MV
Full product name	TForce Core LED road 45W 730 E40 MV
Full EOC	872016929747000
Order code	929003778802
Material no. (12 NC)	929003778802
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8720169297470
Numerator – packs per outer box	6
EAN/UPC – Case	8720169297487

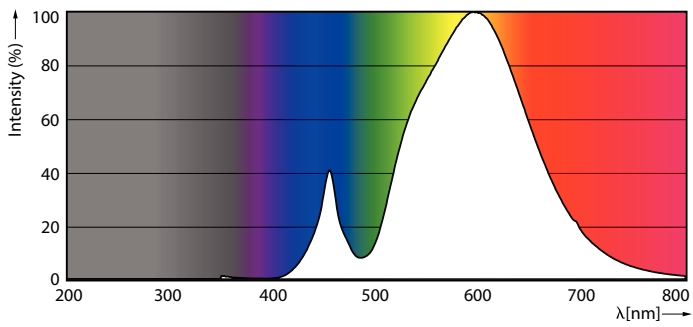
Dimensional drawing



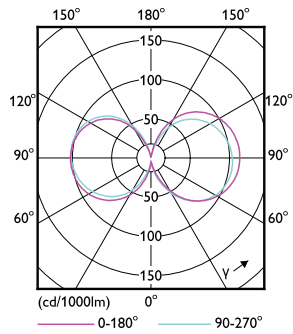
Product	D	C
TForce Core LED road 45W 730 E40 MV	53.5 mm	232 mm

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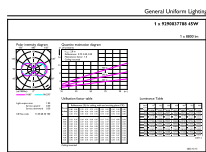
Photometric data



Spectral Power Distribution Colour - TForce Core LED road 45W 730 E40 MV



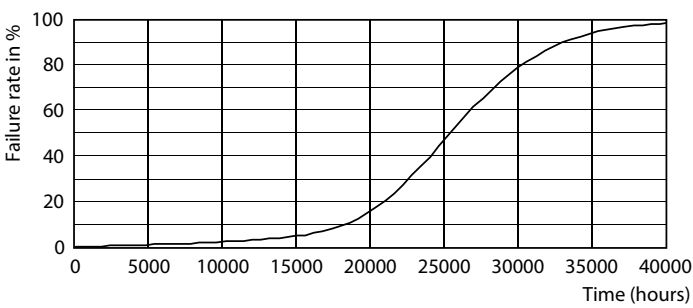
Light Distribution Diagram - TForce Core LED road 45W 730 E40 MV



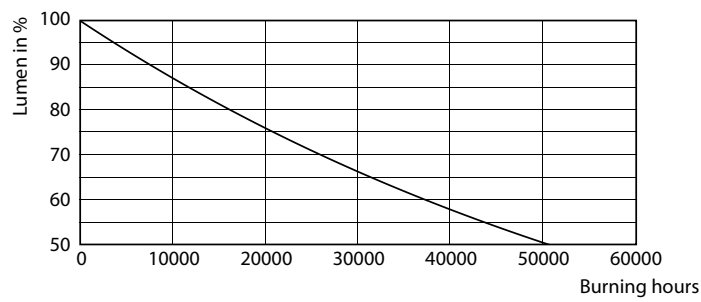
General uniform lighting 1 x 45W/730 E40 MV

General uniform lighting - TForce Core LED road 45W 730 E40 MV

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED road 45W 730 E40 MV

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