

CorePro – LED HID SON-T



TForce Core LED road 45W 730 E40 MV

The Philips CorePro LED HID 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 HighPower 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	Color Consistency	<6
Nominal lifetime	25,000 hour(s)	Color rendering index (CRI)	70
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	LED	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Flux measurement reference	Sphere	Stroboscopic effect visibility measure (SVM)	2
		Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Color Code	730 [CCT of 3000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	300 degree(s)	Power Consumption	45 W
Luminous Flux	8,800 lm	Lamp Current (Nom)	198 mA
Luminous Efficacy (rated) (Nom)	195 lm/W	Starting Time (Nom)	0.5 s
Color Designation	White (WH)	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	3000 K		

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Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Inrush current at mains	52.5
Max. lamp no. on MCB B type 10A – Mains	7
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	11
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
Ballast Compatibility	Mains

Temperature

Ambient temperature range	-30 to +45 °C
T-Case Maximum (Nom)	41 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
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Bulb Shape	T52
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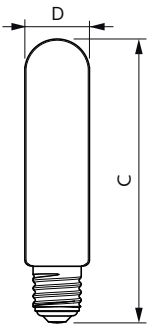
Approval and Application

Energy Consumption kWh/1000 h	45 kWh
EPREL Registration Number	1825284
Energy Efficiency Class	B
CE mark	Yes
EU RoHS compliant	Yes

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 product code	872016929747000
Order code	929003778802
Material Nr. (12NC)	929003778802
Net Weight (Piece)	0.175 kg
EAN/UPC - Product/Case	8720169297470
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169297487

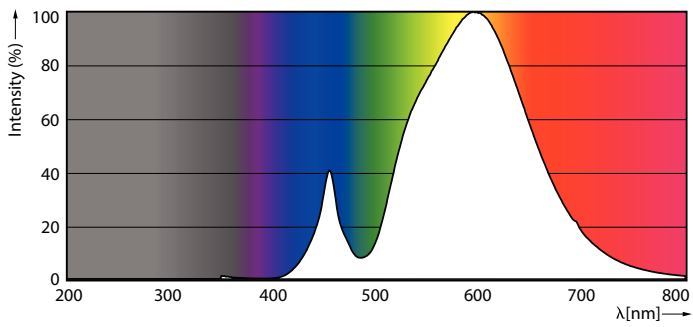
Dimensional drawing



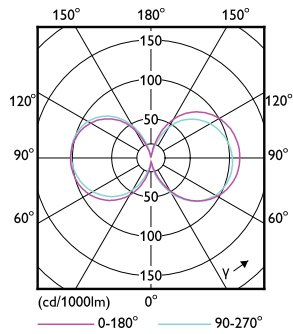
Product	D	C
TForce Core LED road 45W 730 E40 MV	53.5 mm	232 mm

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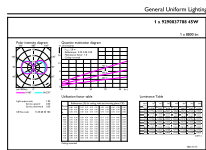
Photometric data



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



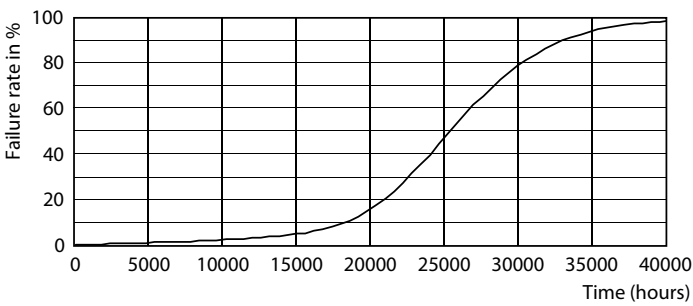
Light Distribution Diagram - TForce Core LED road 45W 730 E40 MV



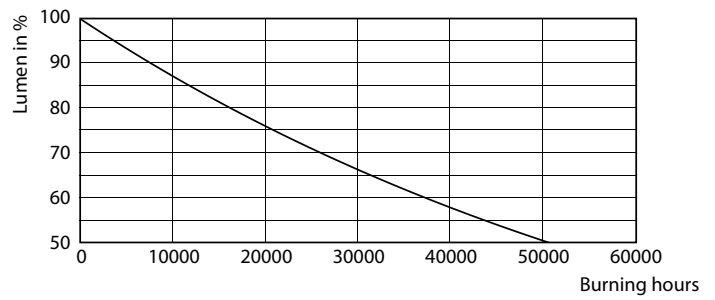
General uniform lighting

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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