



CorePro - LED HID SON-T



TForce Core LED road 40W 727 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		Correlated Color Temperature (Nom)	
Cap-Base	E40		2700 K
Nominal lifetime	25,000 hour(s)	Luminous Efficacy (rated) (Nom)	162 lm/W
Switching Cycle	50,000	Color Consistency	<6
Lighting Technology	LED	Color rendering index (CRI)	70
Flux measurement reference	Sphere	LLMF At End Of Nominal Lifetime (Nom)	70 %
CE mark	Yes	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
EU RoHS compliant	Yes	Stroboscopic effect visibility measure (SVM)	2
		Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Color Code	727 [CCT of 2700K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	330 degree(s)	Power Consumption	40 W
Luminous Flux	6,500 lm	Lamp Current (Nom)	178 mA
Color Designation	Warm White (WW)		

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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	29
Max. lamp no. on MCB B type 10A - Mains	6
Max. lamp no. on MCB B type 10A - EM ballast without Comp. Cap.	-
Max. lamp no. on MCB B type 10A - EM ballast with Comp. Cap.	-
Max. lamp no. on MCB B type 16A - Mains	9
Max. lamp no. on MCB B type 16A - EM ballast without Comp. Cap.	-
Max. lamp no. on MCB B type 16A - EM ballast with Comp. Cap.	-
Ballast Compatibility	Mains

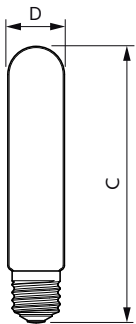
Temperature

Ambient temperature range	-30 to +45 °C
T-Case Maximum (Nom)	48.7 °C

Controls and Dimming

Dimmable	No
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Dimensional drawing



Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T46

Approval and Application

Energy Efficiency Class	C
Energy Consumption kWh/1000 h	40 kWh
EPREL Registration Number	1617389

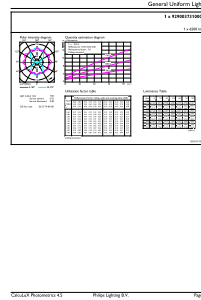
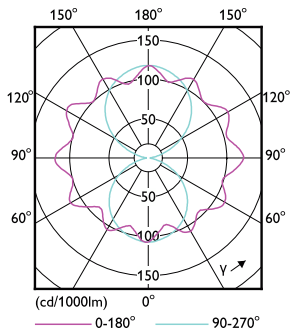
Product Data

Order product name	TForce Core LED road 40W 727 E40 MV
Full product name	TForce Core LED road 40W 727 E40 MV
Full product code	872016926775600
Order code	929003731002
Material Nr. (12NC)	929003731002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169267756
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169267763

Product	D	C
TForce Core LED road 40W 727 E40 MV	47 mm	229 mm

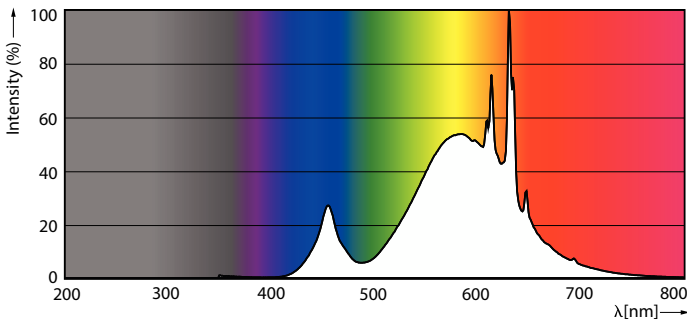
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Photometric data



Light Distribution Diagram - TForce Core LED road 40W 727 E40 MV

General uniform lighting - TForce Core LED road 40W 727 E40 MV



Spectral Power Distribution Colour - TForce Core LED road 40W 727 E40 MV

Lifetime



Life Expectancy Diagram - TForce Core LED road 40W 727 E40 MV



Lumen Maintenance Diagram - TForce Core LED road 40W 727 E40 MV

