

CorePro - LED HID SON-T



TForce Core LED road 40W 740 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		Color Consistency	
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	Photobiological safety according to EN 62471	RG1
Flux measurement reference	Sphere	Operating and Electrical	
Light Technical		Line Frequency	50 to 60 Hz
Color Code	740 [CCT of 4000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	330 degree(s)	Power Consumption	40 W
Luminous Flux	7,500 lm	Lamp Current (Nom)	178 mA
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	4000 K	Warm-up time to 60% light	0.5 s
Luminous Efficacy (rated) (Nom)	187 lm/W	Power Factor (Fraction)	0.9
		Voltage (Nom)	220-240 V

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Ballast Compatibility	Mains
Inrush current at mains	10.1
Max. lamp no. on MCB B type 10A - Mains	9
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	14
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.	-

Temperature

T-Case Maximum (Nom)	49 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T-shape
Net Weight (Piece)	0.157 kg

Approval and Application

Energy Efficiency Class	B
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Energy Consumption kWh/1000 h	40 kWh
EPREL Registration Number	574360
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	2
Ambient temperature range	-30 to +45 °C

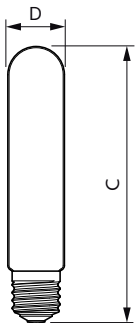
Application Conditions

can it be used in closed luminaires	Yes
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Product Data

Order product name	TForce Core LED road 40W 740 E40 MV	
Full product name	TForce Core LED road 40W 740 E40 MV	
Full product code	871951431635500	
Order code	929002485302	
Material Nr. (12NC)	929002485302	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8719514316355	
Numerator - Packs per outer box	6	
EAN/UPC - Case	8719514316362	

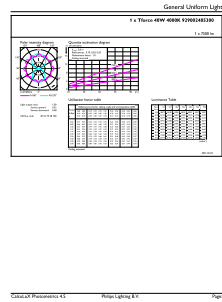
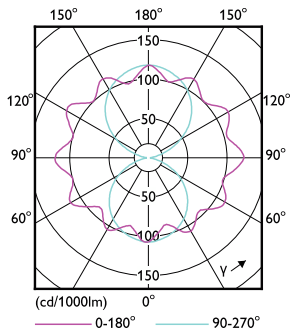
Dimensional drawing



Product	D	C
TForce Core LED road 40W 740 E40 MV	46 mm	225 mm

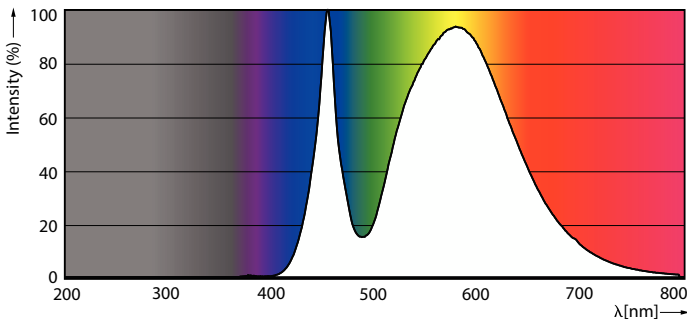
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Photometric data



Light Distribution Diagram - TForce Core LED road 40W 740 E40 MV

General uniform lighting - TForce Core LED road 40W 740 E40 MV

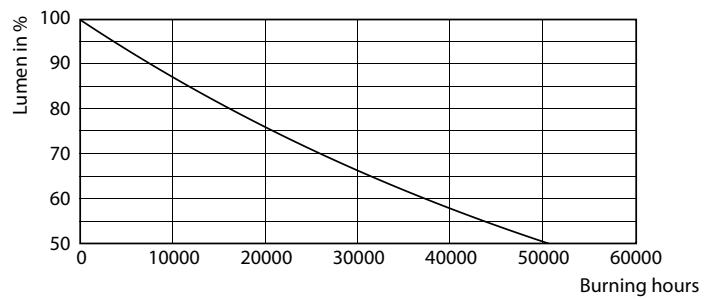


Spectral Power Distribution Colour - TForce Core LED road 40W 740 E40 MV

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED road 40W 740 E40 MV

