



CorePro - LED HID SON-T



TForce Core LED road 49W 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	
Cap-Base	E40
Nominal lifetime	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	740 [CCT of 4000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	10,000 lm
Luminous Efficacy (rated) (Nom)	204 lm/W
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K

Color Consistency	<6
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	2
Photobiological safety according to EN 62471	RG1
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	49 W
Lamp Current (Nom)	215 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s

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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)	45 °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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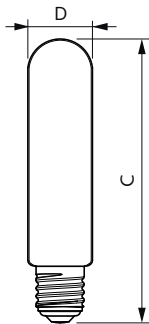
Approval and Application

Energy Efficiency Class	B
Energy Consumption kWh/1000 h	49 kWh
EPREL Registration Number	1825283
CE mark	Yes
EU RoHS compliant	Yes

Product Data

Order product name	TForce Core LED road 49W 740 E40 MV
Full product name	TForce Core LED road 49W 740 E40 MV
Full product code	872016929745600
Order code	929003775702
Material Nr. (12NC)	929003775702
Net Weight (Piece)	0.175 kg
EAN/UPC - Product/Case	8720169297456
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169297463

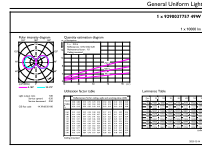
Dimensional drawing



Product	D	C
TForce Core LED road 49W 740 E40 MV	53.5 mm	232 mm

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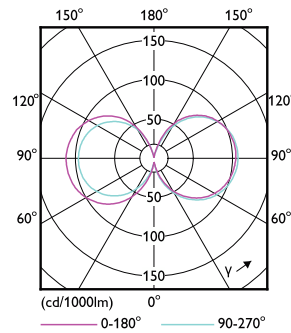
Photometric data



General Uniform Lighting

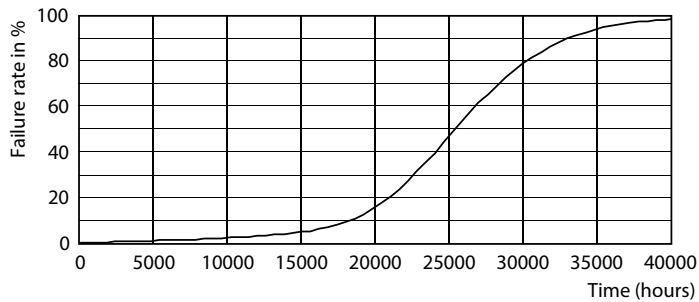
Spectral Power Distribution Colour - TForce Core LED road 49W 740 E40 MV

General uniform lighting - TForce Core LED road 49W 740 E40 MV

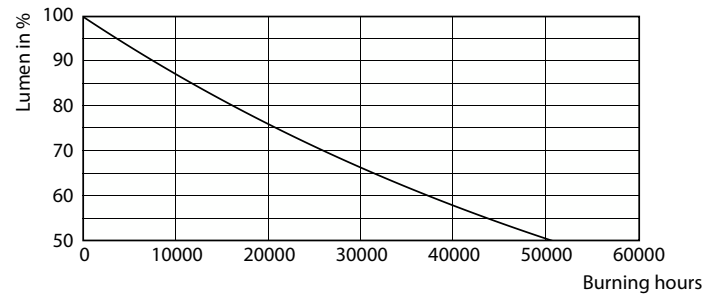


Light Distribution Diagram - TForce Core LED road 49W 740 E40 MV

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED road 49W 740 E40 MV

