



CorePro - LED HID SON-T



TForce Core LED road 17W 727 E27 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	E27	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)	3.3
Light Technical		Photobiological safety according to EN 62471	RG1
Color Code	727 [CCT of 2700K]	Operating and Electrical	
Beam Angle (Nom)	330 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	2,700 lm	Power Consumption	17 W
Luminous Efficacy (rated) (Nom)	158 lm/W	Lamp Current (Nom)	80 mA
Color Designation	Warm White (WW)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	2700 K	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	8.5
Max. lamp no. on MCB B type 10A – Mains	35
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	56
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.	-
Ballast Compatibility	Mains

Temperature

Ambient temperature range	-30 to +45 °C
T-Case Maximum (Nom)	39.8 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
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Bulb Shape	T38
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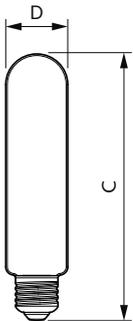
Approval and Application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	17 kWh
EPREL Registration Number	1617386
CE mark	Yes
EU RoHS compliant	Yes

Product Data

Order product name	TForce Core LED road 17W 727 E27 MV
Full product name	TForce Core LED road 17W 727 E27 MV
Full product code	872016926771800
Order code	929003730802
Material Nr. (12NC)	929003730802
Numerator - Quantity Per Pack	1
Net Weight (Piece)	0.078 kg
EAN/UPC - Product/Case	8720169267718
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169267725

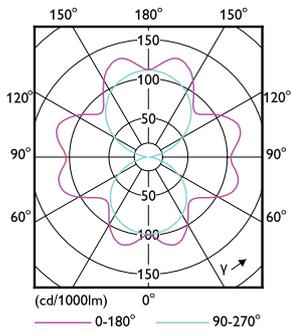
Dimensional drawing



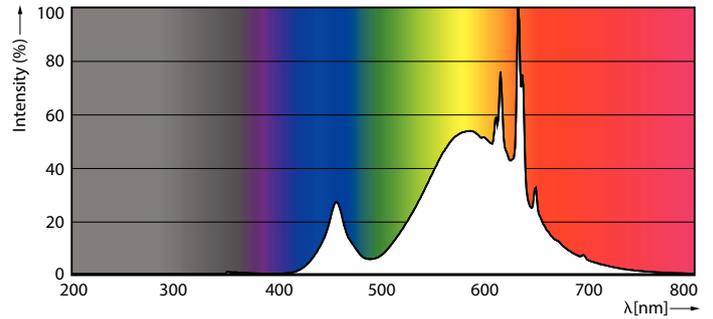
Product	D	C
TForce Core LED road 17W 727 E27 MV	38.5 mm	168 mm

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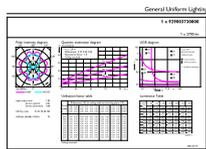
Photometric data



Light Distribution Diagram - TForce Core LED road 17W 727 E27 MV



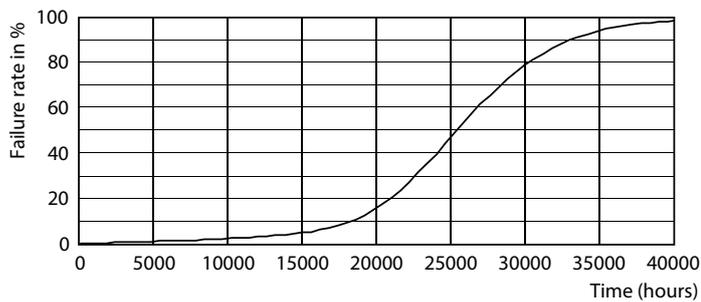
Spectral Power Distribution Colour - TForce Core LED road 17W 727 E27 MV



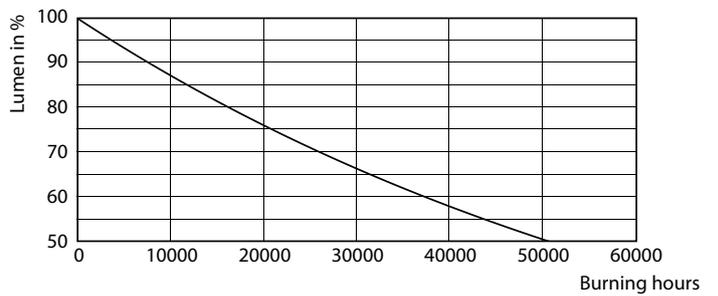
General Uniform Lighting - TForce Core LED road 17W 727 E27 MV

General uniform lighting - TForce Core LED road 17W 727 E27 MV

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED road 17W 727 E27 MV

