Lighting

PHILIPS



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		Correlated Color Temperature (Nom)	2700 K
Cap-Base	E27 [E27]	Luminous Efficacy (rated) (Nom)	158 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	70
ighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
Flux measurement reference	Sphere	Flickering value (PstLM)	1
CE mark	Yes	Stroboscopic effect value (SVM)	3.3
EU RoHS compliant	Yes	Photobiological safety according to EN 62471	RG1
ight Technical		Operating and Electrical	
Color Code	727 [CCT of 2700K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	330 degree(s)	Power Consumption	17 W
Luminous Flux	2,700 lumen	Lamp Current (Nom)	80 mA
Color Designation	Warm White (WW)	Starting Time (Nom)	0.5 s

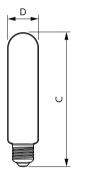


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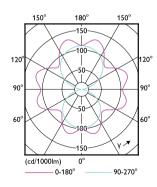
Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.9	
Voltage (Nom)	220-240 V	
Temperature		
Ambient temperature range	-20 to +45 °C	
T-Case Maximum (Nom)	39.8 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Clear	
Bulb Shape	T38 [T 38mm]	
Approval and Application		
Energy Efficiency Class	D	

Energy Consumption kWh/1000 h	17 kWh	
EPREL Registration Number	1617386	
Product Data		
Full product code	872016926771800	
Order product name	TForce Core LED road 17W 727 E27 MV	
Order code	929003730802	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material Nr. (12NC)	929003730802	
Full product name	TForce Core LED road 17W 727 E27 MV	
EAN/UPC - Case	8720169267725	
EAN/UPC - Product/Case	8720169267718	

Dimensional drawing

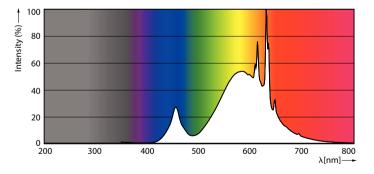






Light Distribution Diagram - TForce Core LED road 17W 727 E27 MV

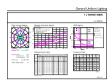
Product	D	с
TForce Core LED road 17W 727 E27 MV	38.5 mm	168 mm



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

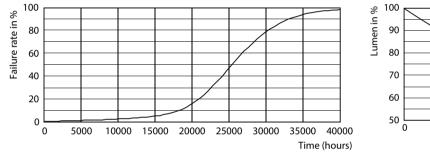
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Photometric data

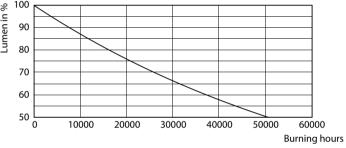


General uniform lighting - TForce Core LED road 17W 727 E27 MV

Lifetime



Life Expectancy Diagram - TForce Core LED road 17W 727 E27 MV



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



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www.lighting.philips.com 2023, September 26 - data subject to change