PHILIPS

Lighting



The new LED solution for HID replacement

Trueforce Core LED SON-T

The new Philips Trueforce Core LED 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 High-Power LED filament technology. Plus, its unique IP65 design means it can be used for outdoor applications.

Benefits

- Similar look & feel as conventional HID SON-T lamps
- Perfect fit in HID luminaires with mains connection
- IP65 design suitable for outdoor applications with IP rated base caps

Features

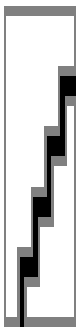
- High-power LED filament technology
- Clear glass finish, uniform light distribution
- Compact size
- IP65 design
- 2KV surge protection

Application

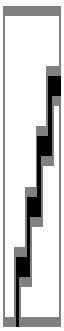
- Public road - streets, public area
- Public urban - streets, parks, squares

Trueforce Core LED SON-T

Versions



E27 T-shape Clear

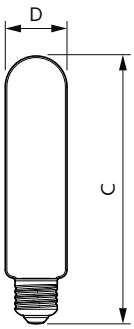


E27 T-shape Clear

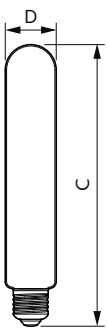


E40 T-shape Clear

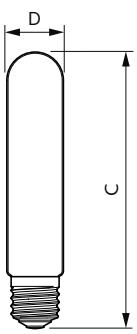
Dimensional drawing



Product	D	C
TForce Core LED road 17W 740 E27 MV	38 mm	170 mm
TForce Core LED road 17W 730 E27 MV	38 mm	170 mm



Product	D	C
TForce Core LED road 26W 740 E27 MV	38 mm	210 mm
TForce Core LED road 26W 730 E27 MV	38 mm	210 mm



Product	D	C
TForce Core LED road 40W 730 E40 MV	46 mm	225 mm
TForce Core LED road 40W 740 E40 MV	46 mm	225 mm

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Controls and dimming	
Dimmable	No

Operating and electrical	
Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s

General information	
Nominal Lifetime (Nom)	25000 h
Switching Cycle	15000

Light technical	
Color Rendering Index (Nom)	70
Llmf At End Of Nominal Lifetime (Nom)	70 %

Mechanical and housing	
Bulb Finish	Clear
Bulb Shape	T-shape

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C

Approval and application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929002484802	TForce Core LED road 17W 730 E27 MV	17 kWh
929002484902	TForce Core LED road 17W 740 E27 MV	17 kWh
929002485002	TForce Core LED road 26W 730 E27 MV	26 kWh
929002485102	TForce Core LED road 26W 740 E27 MV	26 kWh
929002485202	TForce Core LED road 40W 730 E40 MV	40 kWh
929002485302	TForce Core LED road 40W 740 E40 MV	40 kWh

Operating and electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Nom)
929002484802	TForce Core LED road 17W 730 E27 MV	50 W	17 W
929002484902	TForce Core LED road 17W 740 E27 MV	50 W	17 W
929002485002	TForce Core LED road 26W 730 E27 MV	70 W	26 W

Order Code	Full Product Name	Wattage Equivalent	Power (Nom)
929002485102	TForce Core LED road 26W 740 E27 MV	70 W	26 W
929002485202	TForce Core LED road 40W 730 E40 MV	100 W	40 W
929002485302	TForce Core LED road 40W 740 E40 MV	100 W	40 W

General information

Order Code	Full Product Name	Cap-Base
929002484802	TForce Core LED road 17W 730 E27 MV	E27
929002484902	TForce Core LED road 17W 740 E27 MV	E27
929002485002	TForce Core LED road 26W 730 E27 MV	E27

Order Code	Full Product Name	Cap-Base
929002485102	TForce Core LED road 26W 740 E27 MV	E27
929002485202	TForce Core LED road 40W 730 E40 MV	E40
929002485302	TForce Core LED road 40W 740 E40 MV	E40

Light technical

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
929002484802	TForce Core LED road 17W 730 E27 MV	730	3000 K	2800 lm
929002484902	TForce Core LED road 17W 740 E27 MV	740	4000 K	3000 lm

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
929002485002	TForce Core LED road 26W 730 E27 MV	730	3000 K	4200 lm
929002485102	TForce Core LED road 26W 740 E27 MV	740	4000 K	4500 lm

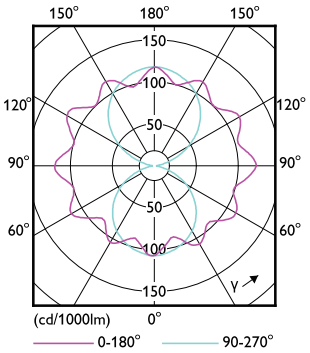
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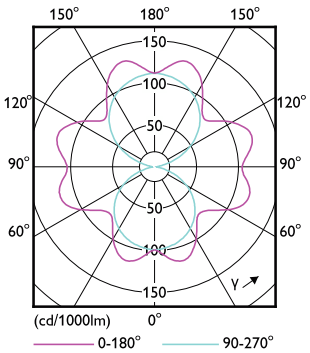
Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
929002485202	TForce Core LED road 40W 730 E40 MV	730	3000 K	7200 lm

Order Code	Full Product Name	Color Code	Correlated Color Temperature (Nom)	Luminous Flux (Nom)
929002485302	TForce Core LED road 40W 740 E40 MV	740	4000 K	7500 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929002484802	TForce Core LED road 17W 730 E27 MV	29.7 °C
929002484902	TForce Core LED road 17W 740 E27 MV	29.7 °C
929002485002	TForce Core LED road 26W 730 E27 MV	38.7 °C
929002485102	TForce Core LED road 26W 740 E27 MV	38.7 °C
929002485202	TForce Core LED road 40W 730 E40 MV	26 °C
929002485302	TForce Core LED road 40W 740 E40 MV	26 °C





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