

CorePro - LED HID SON-T

TForce Core LED road 40W 740 E40 MV

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.

Product data

General Information	
Cap-Base	E40 [E40]
Nominal lifetime	25,000 hour(s)
Switching Cycle	15,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Color Code	740 [CCT of 4000K]
Luminous Flux	7,500 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	187.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	40 W
Lamp Current (Nom)	178 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V

Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	26 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T-shape

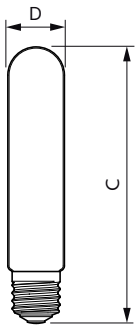
Approval and Application

Energy Consumption kWh/1000 h	40 kWh
EPREL Registration Number	574,360
CE mark	Yes
EU RoHS compliant	Yes

Product Data

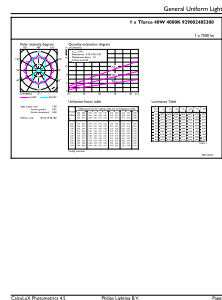
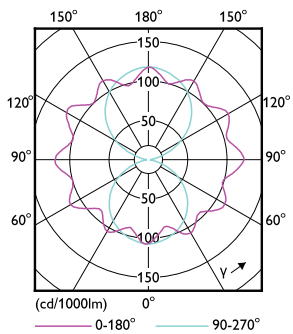
Full product code	871951431635500
Order product name	TForce Core LED road 40W 740 E40 MV
Order code	929002485302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002485302
Full product name	TForce Core LED road 40W 740 E40 MV
EAN/UPC - Case	8719514316362

Dimensional drawing



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

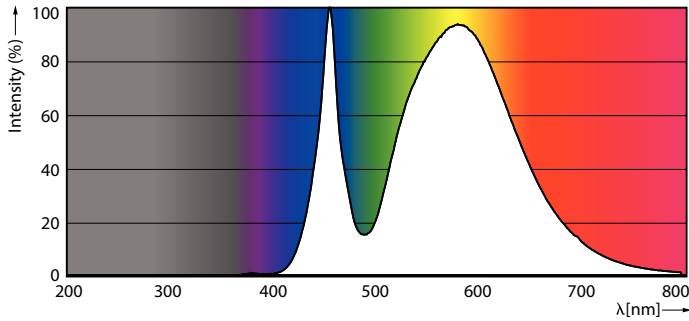
Photometric data



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

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Photometric data



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

Lifetime



Life Expectancy Diagram - TForce Core LED road 40W 740 E40 MV



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

