

# CorePro - LED HID SON-T



## TForce Core LED road 40W 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		Luminous Efficacy (rated) (Nom)	
Cap-Base	E40		187.00 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	15,000	Color rendering index (CRI)	70
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
Flux measurement reference	Sphere	Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
CE mark	Yes	Stroboscopic effect visibility measure (SVM)	2
EU RoHS compliant	Yes	Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Color Code	740 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Luminous Flux	7,500 lm	Input Frequency	50 to 60 Hz
Color Designation	Cool White (CW)	Power Consumption	40 W
Correlated Color Temperature (Nom)	4000 K	Lamp Current (Nom)	178 mA

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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
Ballast Compatibility	Mains

## Temperature

Ambient temperature range	-30 to +45 °C
T-Case Maximum (Nom)	26 °C

## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T-shape

## Approval and Application

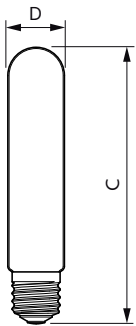
Energy Efficiency Class	B
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Energy Consumption kWh/1000 h	40 kWh
EPREL Registration Number	574360

## Product Data

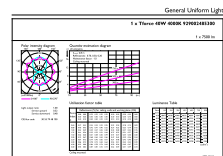
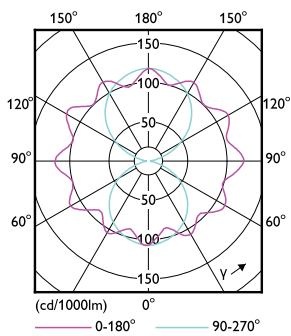
Order product name	TForce Core LED road 40W 740 E40 MV
Full product name	TForce Core LED road 40W 740 E40 MV
Full product code	871951431635500
Order code	929002485302
Material Nr. (12NC)	929002485302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514316355
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514316362

## Dimensional drawing



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

## Photometric data

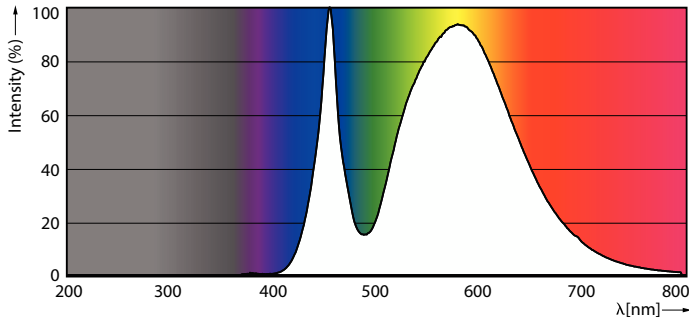


Light Distribution Diagram - TForce Core LED road 40W 740 E40 MV

General uniform lighting - 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

