

# CorePro - LED HID SON-T



## TForce Core LED road 40W 730 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		180.00 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	730 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Luminous Flux	7,200 lm	Input Frequency	50 to 60 Hz
Color Designation	White (WH)	Power Consumption	40 W
Correlated Color Temperature (Nom)	3000 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
Inrush current at mains	10.1
Max. lamp no. on MCB B type 10A - Mains	9
Max. lamp no. on MCB B type 10A - EM ballast without Comp. Cap.	-
Max. lamp no. on MCB B type 10A - EM ballast with Comp. Cap.	-
Max. lamp no. on MCB B type 16A - Mains	14
Max. lamp no. on MCB B type 16A - EM ballast without Comp. Cap.	-
Max. lamp no. on MCB B type 16A - EM ballast with Comp. Cap.	-
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

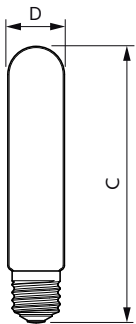
### Approval and Application

Energy Efficiency Class	C
Energy Consumption kWh/1000 h	40 kWh
EPREL Registration Number	574359

### Product Data

Order product name	TForce Core LED road 40W 730 E40 MV
Full product name	TForce Core LED road 40W 730 E40 MV
Full product code	871951431633100
Order code	929002485202
Material Nr. (12NC)	929002485202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8719514316331
Numerator - Packs per outer box	6
EAN/UPC - Case	8719514316348

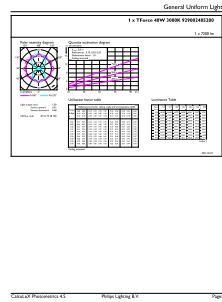
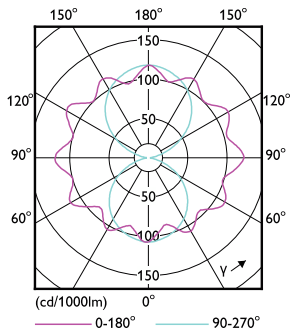
## Dimensional drawing



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

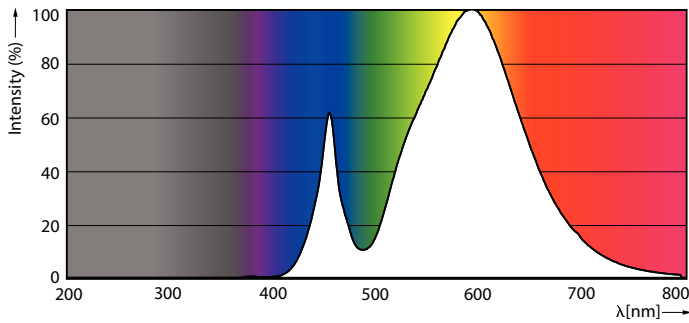
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## Photometric data



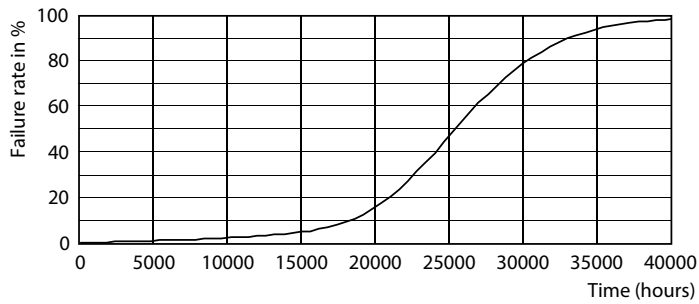
Light Distribution Diagram - TForce Core LED road 40W 730 E40 MV

General uniform lighting - TForce Core LED road 40W 730 E40 MV

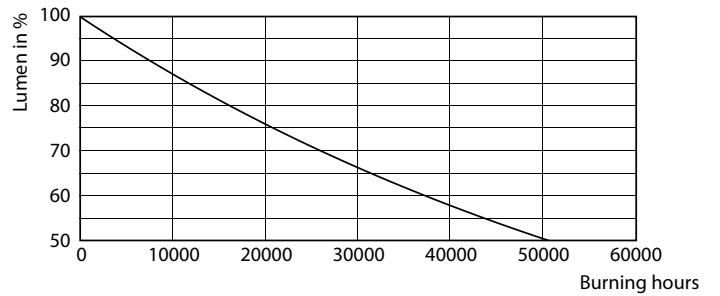


Spectral Power Distribution Colour - TForce Core LED road 40W 730 E40 MV

## Lifetime



Life Expectancy Diagram - TForce Core LED road 40W 730 E40 MV



Lumen Maintenance Diagram - TForce Core LED road 40W 730 E40 MV

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