



CorePro – LED HID SON-T



TForce Core LED road 40W 727 E40 MV

CorePro, LED SON-T, Tubular, Mains only, 40 W, SON-T 100W, E40, 2700 K, 6500 lm, CRI 70, 25000 hour(s)

CorePro, LED SON-T, Tubular, Mains only, 40 W, LED alternative to SON-T 100W, E40, 2700 K, 6500 lm, CRI 70, 25000 hour(s), 162 lm/W, EEL C, PF 0.9, Beam angle 330 degree(s), Glass, RG1, IP65, SVM 2, PstLM 1

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		Color Consistency	
Cap-Base	E40	Color rendering index (CRI)	70
Nominal lifetime	25,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Photobiological safety according to EN 62471	RG1
Lighting Technology	LED SON-T	Operating and Electrical	
Flux measurement reference	Sphere	Input Frequency	50 to 60 Hz
Warranty period	3 years	Power Consumption	40 W
Light Technical		Lamp Current (Nom)	178 mA
Color Code	727 [CCT of 2700K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	330 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	6,500 lm	Power Factor (Fraction)	0.9
Color Designation	Warm White (WW)	Voltage (Nom)	220–240 V
Correlated Color Temperature (Nom)	2700 K	Inrush current at mains	24.5
Luminous Efficacy (rated) (Nom)	162 lm/W	Max. lamp no. on MCB B type 10A – Mains	11

CorePro - LED HID SON-T

Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – Mains	18
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Wattage Equivalent (LED HID only)	SON-T 100W
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	48.7 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Material	Glass
Bulb Shape	Tubular
Net Weight (Piece)	0.155 kg

Approval and Application

Energy Efficiency Class	C
Energy Saving Product	Yes

Energy Consumption kWh/1000 h	40 kWh
EPREL Registration Number	1617389
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	2
Ambient temperature range	-30 to +45 °C

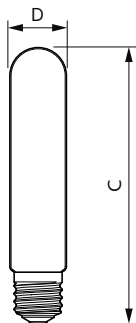
Application Conditions

can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

Product Data

Order product name	TForce Core LED road 40W 727 E40 MV
Full product name	TForce Core LED road 40W 727 E40 MV
Full product code	872016926775600
Order code	929003731002
Material Nr. (12NC)	929003731002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169267756
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169267763

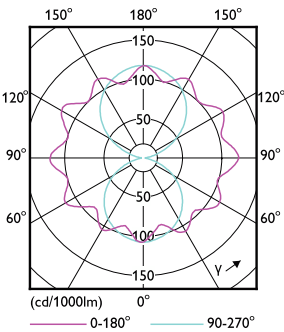
Dimensional drawing



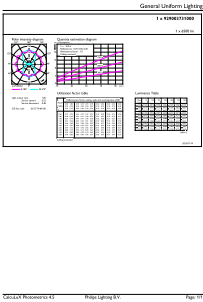
Product	D	C
TForce Core LED road 40W 727 E40 MV	47 mm	229 mm

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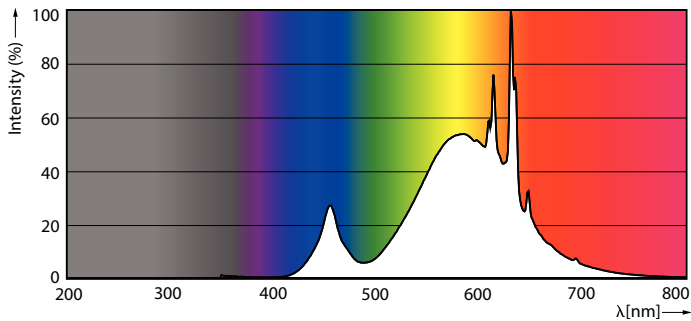
Photometric data



Light Distribution Diagram - TForce Core LED road 40W 727 E40 MV

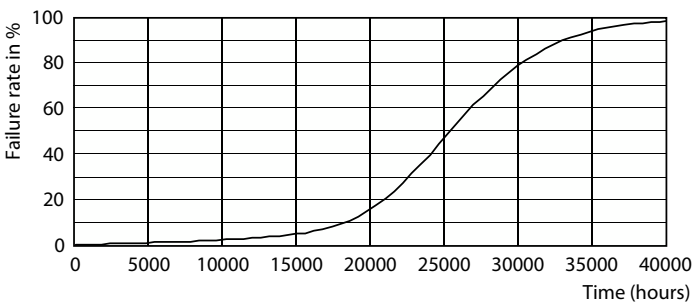


General uniform lighting - TForce Core LED road 40W 727 E40 MV

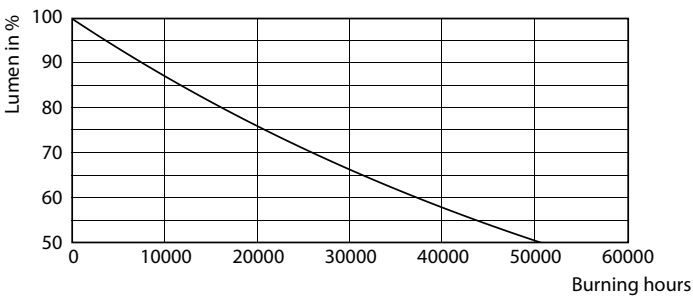


Spectral Power Distribution Colour - TForce Core LED road 40W 727 E40 MV

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED road 40W 727 E40 MV

