

TrueForce LED Public (Road – SON)



TrueForce LED Road 90-55W E40 740

Philips LED Road lamps are an easy LED solution with a short payback period to replace High-Intensity Discharge (HID) and High-Pressure Sodium (SON) lamps. TrueForce LED solutions bring the energy efficiency and long lifetime benefits of LED to HID replacement, providing instant savings for a low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce LED road lamps into existing SON and SON-T systems, enhancing the lighting quality with LED without changing the luminaire's ballast or reflector.

Warnings and Safety

- Installation must always be performed by a qualified electrician or installer. Use the installation guide for instructions.

Product data

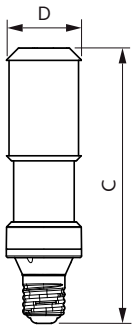
General Information		Colour Rendering Index,horiz (Nom)	
Cap base	E40 [E40]		70
EU RoHS compliant	Yes	LLMF at end of nominal lifetime (nom.)	70 %
Nominal lifetime (nom.)	50000 h	Operating and Electrical	
Switching cycle	50,000X	Input frequency	50 Hz
Technical type	55-100W	Power (Rated) (Nom)	55 W
	Sphere	Lamp current (nom.)	1000 mA
Light Technical		Wattage equivalent	100 W
Colour Code	740 [CCT of 4,000 K]	Starting time (nom.)	0.5 s
Lamp Luminous Flux 25°C EL (Nom)	9000 lm	Warm-up time to 60% light (nom.)	0.5 s
Colour Designation	Cool White (CW)	Power factor (nom.)	0.9
Colour Temperature, horizontal (Nom)	4000 K	Voltage (Nom)	88-98 V
Lamp Luminous Efficacy EM (Nom)	163.00 lm/W		
Colour consistency	<6		

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Temperature	
T-Case maximum (nom.)	97 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	Others
Approval and Application	
Energy Efficiency Class	D
Energy consumption kWh/1,000 hours	55 kWh

	403608
Product Data	
Full product code	871869963906800
Order product name	TrueForce LED Road 90-55W E40 740
EAN/UPC – product	8718699639068
Order code	929002007502
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002007502
SAP net weight (piece)	0.432 kg

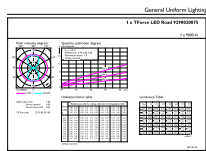
Dimensional drawing



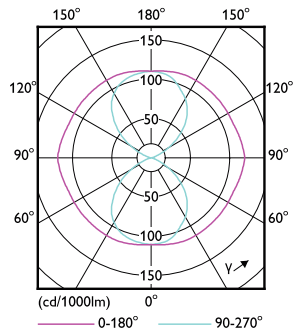
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Product	D	C
TrueForce LED Road 90-55W E40 740	71 mm	262 mm

Photometric data



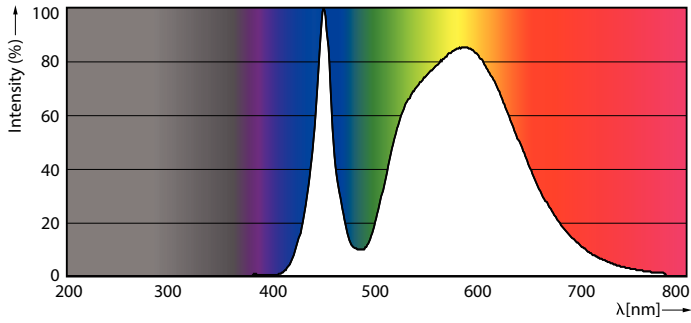
LEDTrueForce SON-T 9klm E40 740



LEDTrueForce SON-T E40 55W

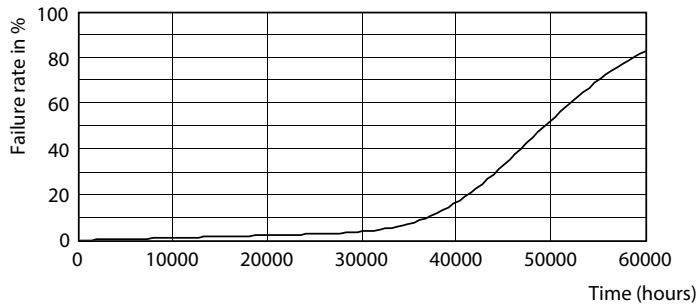
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Photometric data

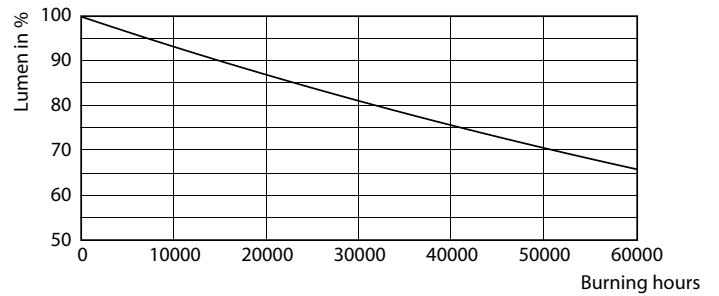


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Lifetime



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