



# 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 should always be performed by a qualified electrician or installer. Use the installation guide for instructions.

### Product data

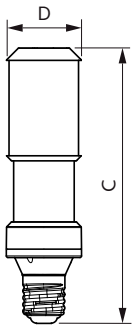
General information		Color Rendering Index (Nom)		Operating and electrical	
Cap-Base	E40 [ E40]		70	Input Frequency	50 Hz
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %	Power (Nom)	55 W
Nominal Lifetime (Nom)	50000 h			Lamp Current (Nom)	1000 mA
Switching Cycle	50000X			Wattage Equivalent	100 W
Technical Type	55-100W			Starting Time (Nom)	0.5 s
Flux measurement reference	Sphere			Warm Up Time to 60% Light (Nom)	0.5 s
				Power Factor (Nom)	0.9
				Voltage (Nom)	88-98 V
Light technical					
Color Code	740 [ CCT of 4000K]				
Luminous Flux (Nom)	9000 lm				
Color Designation	Cool White (CW)				
Correlated Color Temperature (Nom)	4000 K				
Luminous Efficacy (rated) (Nom)	163.00 lm/W				
Color Consistency	<6				

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Temperature	
T-Case Maximum (Nom)	97 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and application	
Energy Efficiency Class	D
Energy Consumption kWh/1000 h	55 kWh

EPREL Registration Number	403608
Product data	
Full product code	871869963906800
Order product name	TrueForce LED Road 90-55W E40 740
EAN/UPC - Product	8718699639068
Order code	929002007502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002007502
Net Weight (Piece)	0.432 kg

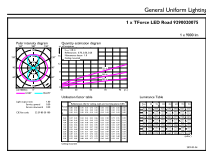
## Dimensional drawing



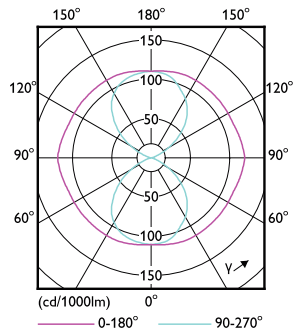
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Product	D	C
TrueForce LED Road 90-55W E40 740	71 mm	262 mm

## Photometric data



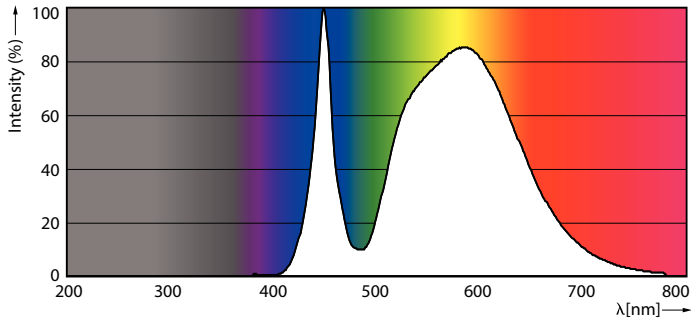
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LEDTrueForce SON-T E40 55W

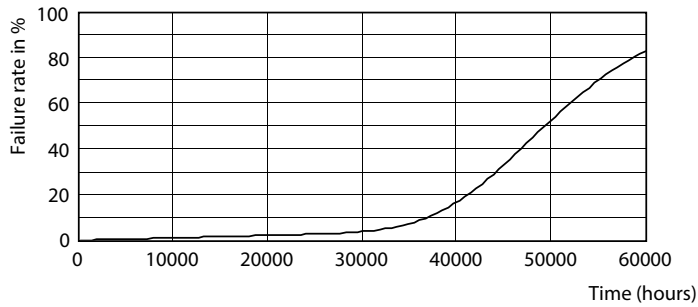
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## Photometric data

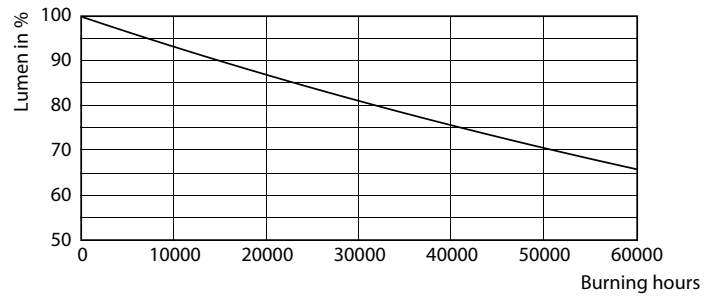


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## Lifetime



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