



# TrueForce LED Public (Road – SON)

## TrueForce LED Road 120-68W 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

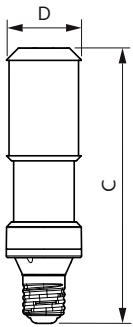
General information		Color Rendering Index (Nom)		70
Cap-Base	E40 [ E40]	LLMF At End Of Nominal Lifetime (Nom)		70 %
EU RoHS compliant	Yes			
Nominal Lifetime (Nom)	50000 h	<b>Operating and electrical</b>		
Switching Cycle	50000X	Input Frequency	50 Hz	
Technical Type	68-150W	Power (Nom)	68 W	
Flux measurement reference	Sphere	Lamp Current (Nom)	1650 mA	
		Wattage Equivalent	100 W	
		Starting Time (Nom)	0.5 s	
		Warm Up Time to 60% Light (Nom)	0.5 s	
		Power Factor (Nom)	0.9	
		Voltage (Nom)	80-90 V	
<b>Light technical</b>				
Color Code	740 [ CCT of 4000K]			
Luminous Flux (Nom)	12000 lm			
Color Designation	Cool White (CW)			
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	176.00 lm/W			
Color Consistency	<6			

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Temperature	
T-Case Maximum (Nom)	103 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and application	
Energy Efficiency Class	C
Energy Consumption kWh/1000 h	68 kWh

EPREL Registration Number	465206
Product data	
Full product code	871869963910500
Order product name	TrueForce LED Road 120-68W E40 740
EAN/UPC - Product	8718699639105
Order code	929002007702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002007702
Net Weight (Piece)	0.432 kg

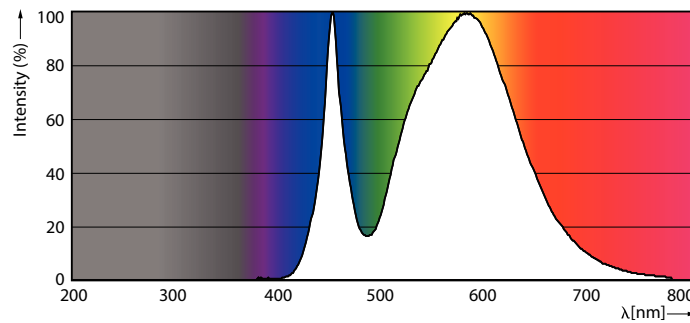
## Dimensional drawing



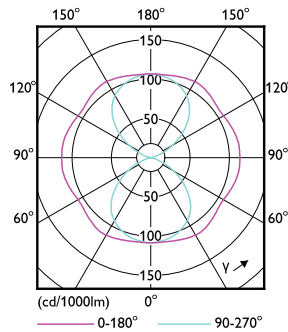
TrueForce LED Road 120-68W E40 740

Product	D	C
TrueForce LED Road 120-68W E40 740	71 mm	262 mm

## Photometric data



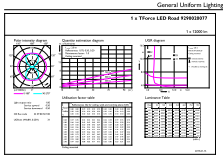
LEDTrueForce SON-T 12klm E40 740



LEDTrueForce SON-T E40 68W

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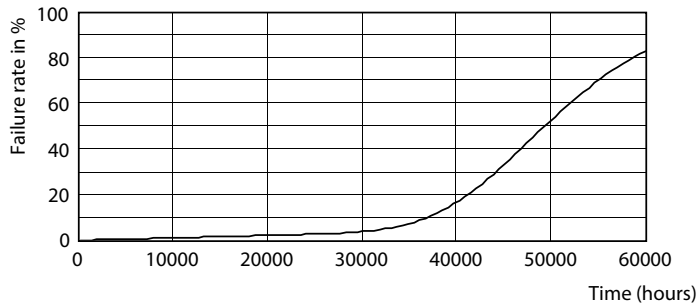
## Photometric data



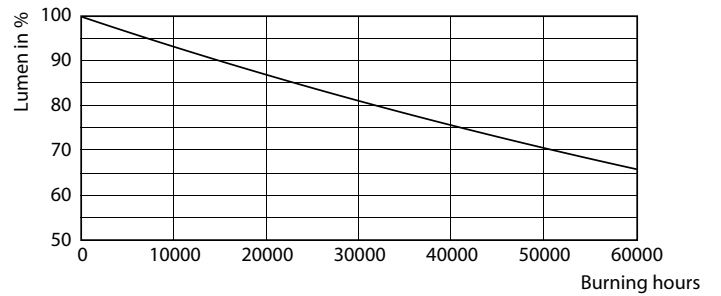
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## Lifetime



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