



TrueForce LED Public (Road – SON)



TrueForce LED Road 42-25W E27 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	
Cap base	E27 [E27]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	50,000X
Technical type	25-50W
	Sphere
Light Technical	
Colour Code	740 [CCT of 4,000 K]
Lamp Luminous Flux 25°C EL (Nom)	4200 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	168.00 lm/W
Colour consistency	<6

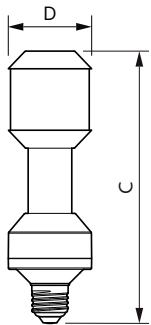
Colour Rendering Index,horiz (Nom)	70
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 Hz
Power (Rated) (Nom)	25 W
Lamp current (nom.)	800 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	50-60 V

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Temperature	
T-Case maximum (nom.)	95 °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	25 kWh

	403602
Product Data	
Full product code	871869963253300
Order product name	TrueForce LED Road 42-25W E27 740
EAN/UPC – product	8718699632533
Order code	929001999502
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929001999502
SAP net weight (piece)	0.232 kg

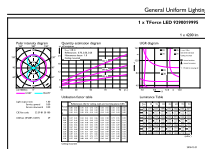
Dimensional drawing



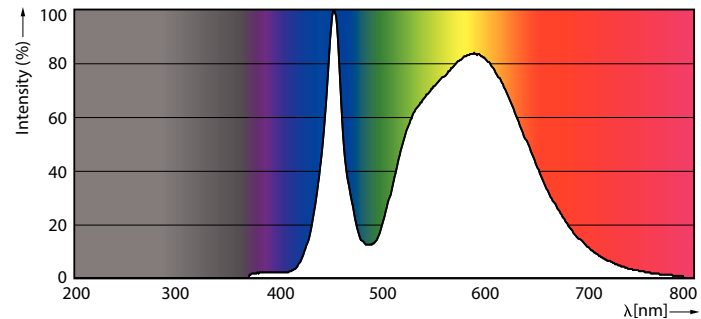
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Product	D	C
TrueForce LED Road 42-25W E27 740	61 mm	200 mm

Photometric data



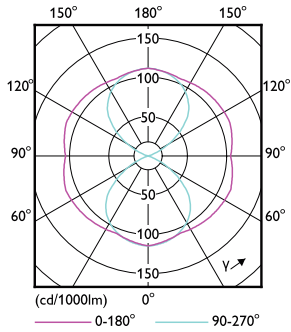
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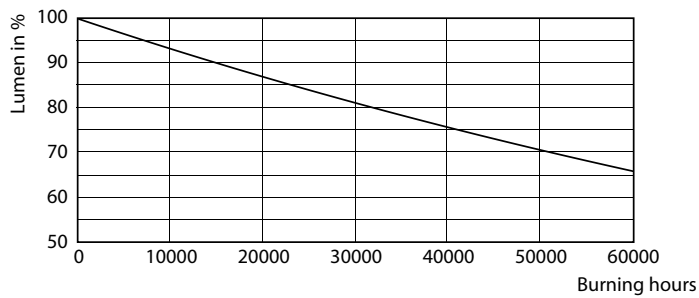
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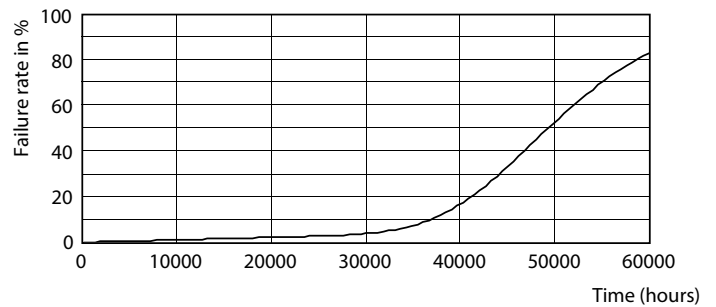


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Lifetime



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