



TrueForce LED Public (Road – SON)

TrueForce LED Road 120-68W E40 740

Philips TrueForce LED road lamps offer an easy and short payback LED solution to replace High Intensity Discharge (HID) lamps. The products bring the energy-efficiency and long lifetime benefits of LED to HID replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce LED road lamps into the existing systems without changing the luminaire's ballast or reflector while enhancing the lighting quality.

Product data

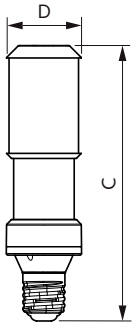
General Information		Power (Rated) (Nom)	
Cap base	E40 [E40]		68 W
EU RoHS compliant	Yes	Lamp current (nom.)	1650 mA
Nominal lifetime (nom.)	50000 h	Starting time (nom.)	0.5 s
Switching cycle	50,000X	Warm-up time to 60% light (nom.)	0.5 s
Technical type	68-150W	Power factor (nom.)	0.9
		Voltage (Nom)	80-90 V
Light Technical		Temperature	
Colour Code	740 [CCT of 4,000 K]	T-Case maximum (nom.)	103 °C
Lamp Luminous Flux 25°C EL (Nom)	12000 lm		
Colour Designation	Cool White (CW)	Controls and Dimming	
Colour Temperature, horizontal (Nom)	4000 K	Dimmable	No
Lamp Luminous Efficacy EM (Nom)	176.00 lm/W	Mechanical and Housing	
Colour consistency	<6	Lamp Finish	Clear
Colour Rendering Index,horiz (Nom)	70	Approval and Application	
LLMF at end of nominal lifetime (nom.)	70 %	Energy efficiency label (EEL)	A++
Operating and Electrical			
Input frequency	50 Hz		

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Energy consumption kWh/1,000 hours	75 kWh
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
SAP numerator – packs per outer box	6
Material no. (12 NC)	929002007702
Net Weight (Piece)	0.432 kg

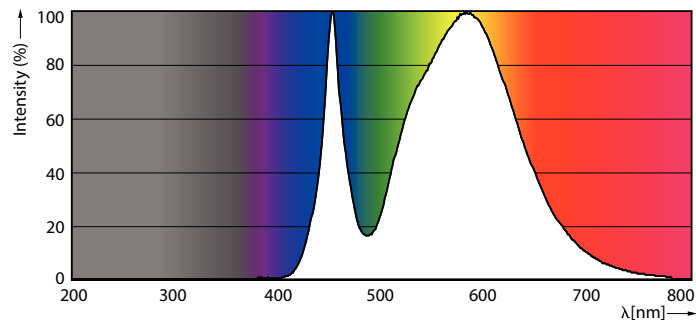
Dimensional drawing



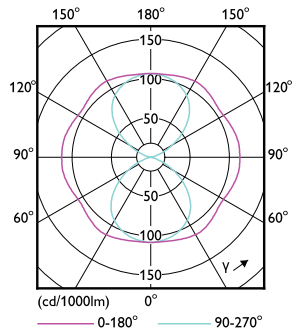
TForce LED SON-T ND 12klm E40 740 CL

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

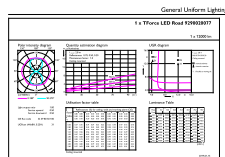
Photometric data



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LEDTrueForce SON-T E40 68W

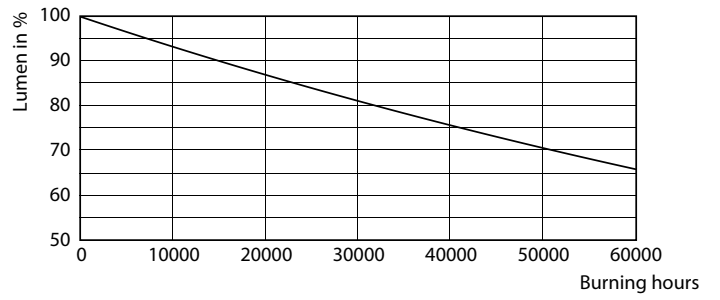
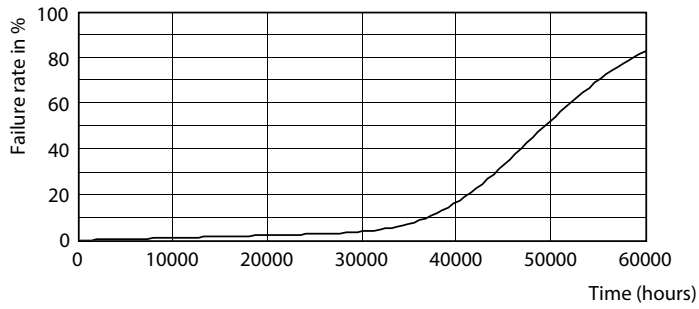


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Lifetime



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