



TrueForce LED Public (Road – SON)

TrueForce LED Road 90-55W 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

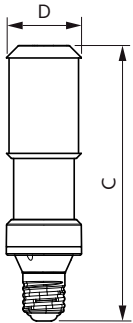
General Information		Power (Rated) (Nom)	
Cap base	E40 [E40]		55 W
EU RoHS compliant	Yes	Lamp current (nom.)	1000 mA
Nominal lifetime (nom.)	50000 h	Wattage equivalent	100 W
Switching cycle	50,000X	Starting time (nom.)	0.5 s
Technical type	55-100W	Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.9
		Voltage (Nom)	88-98 V
Light Technical		Temperature	
Colour Code	740 [CCT of 4,000 K]	T-Case maximum (nom.)	97 °C
Luminous flux (nom.)	9000 lm		
Colour designation	Cool White (CW)	Controls and Dimming	
Correlated Colour Temperature (Nom)	4000 K	Dimmable	No
Luminous efficacy (rated) (nom.)	163.00 lm/W	Mechanical and Housing	
Colour consistency	<6	Lamp Finish	Clear
Colour rendering index (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	61 kWh
Product Data	
Full product code	871869963906800
Order product name	TrueForce LED Road 90-55W E40 740
EAN/UPC – product	8718699639068
Order code	63906800

SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12 NC)	929002007502
SAP net weight (piece)	0.432 kg

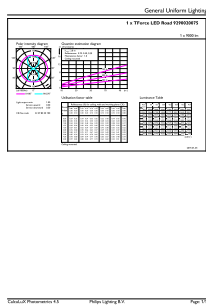
Dimensional drawing



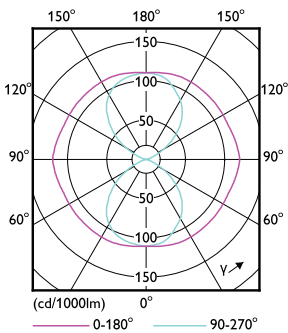
TForce LED SON-T ND 9klm E40 740 CL

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

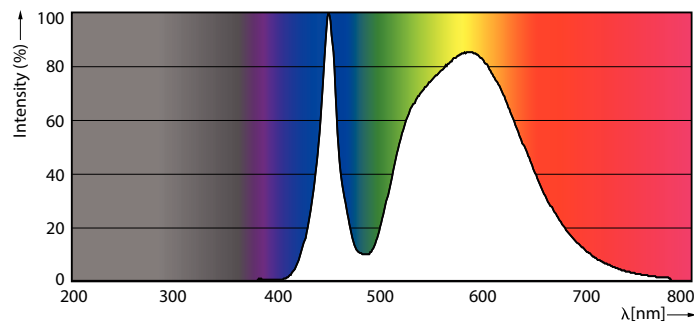
Photometric data



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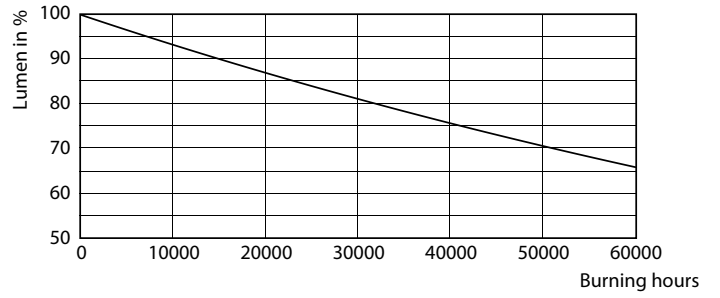
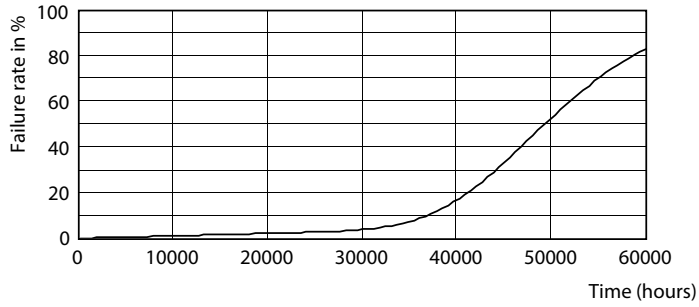
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Lifetime



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