



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

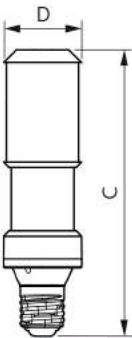
General Information		Operating and Electrical	
Cap-Base	E40 [E40]	Input Frequency	50 Hz
EU RoHS compliant	Yes	Power (Nom)	55 W
Nominal Lifetime (Nom)	50000 h	Lamp Current (Nom)	1000 mA
Switching Cycle	50000X	Wattage Equivalent	100 W
Technical Type	55-100W	Starting Time (Nom)	0.5 s
Flux measurement reference	Sphere	Warm Up Time to 60% Light (Nom)	0.5 s
Light Technical		Power Factor (Nom)	0.9
Color Code	740 [CCT of 4000K]	Voltage (Nom)	88-98 V
Luminous Flux (Nom)	9000 lm	Temperature	
Color Designation	Cool White (CW)	T-Case Maximum (Nom)	97 °C
Correlated Color Temperature (Nom)	4000 K	Controls and Dimming	
Luminous Efficacy (rated) (Nom)	163.00 lm/W	Dimmable	No
Color Consistency	<6	Mechanical and Housing	
Color Rendering Index (Nom)	70	Bulb Finish	Clear
LLMF At End Of Nominal Lifetime (Nom)	70 %		

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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

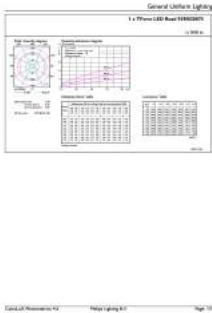
Dimensional drawing



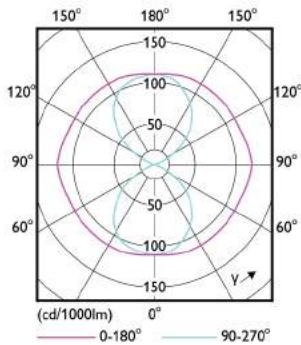
TForce LED SON-T ND 9klm E40 740 CL

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

Photometric data



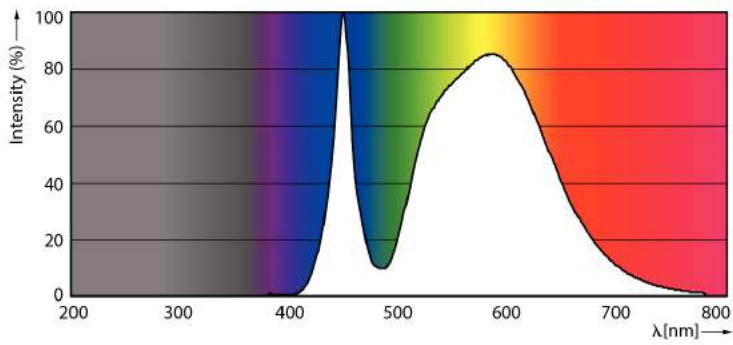
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LEDTrueForce SON-T E40 55W

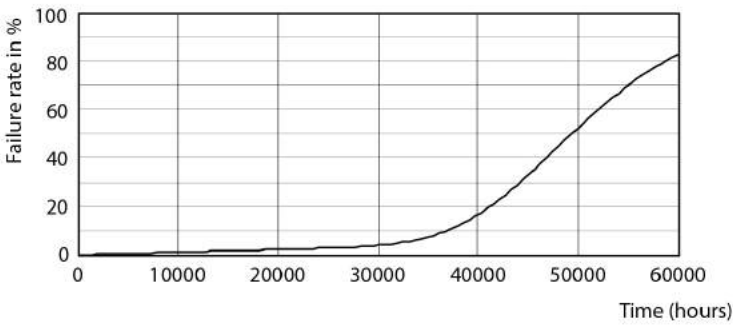
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Photometric data

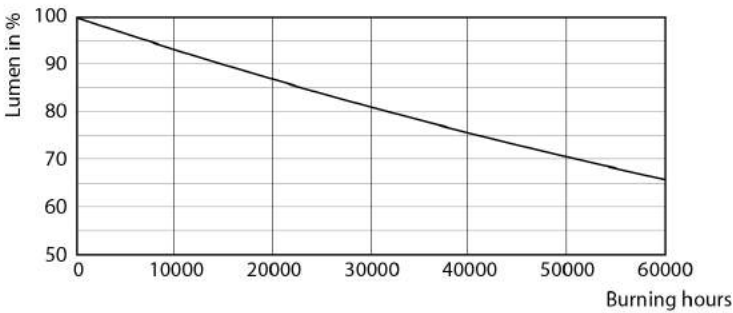


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Lifetime



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