PHILIPS

Lighting



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	
Cap base	E40 [E40]
Nominal lifetime (nom.)	50000 h
Switching cycle	50000X
Technical type	68-150W

Light Technical	
Colour code	740 [CCT of 4,000 K]
Luminous flux (nom.)	12000 lm
Colour designation	Cool White (CW)
Correlated colour temperature (nom.)	4000 K
Luminous efficacy (rated) (nom.)	176.00 lm/W
Colour consistency	<6
Color rendering index (nom.)	70
LLMF at end of nominal lifetime (nom.)	70 %

Operating and Electrical	
Input frequency	50 Hz
Power (Rated) (Nom)	68 W
Lamp current (nom.)	1650 mA
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

Temperature	
T-Case maximum (nom.)	103 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb finish	Clear

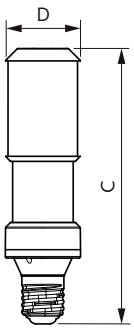
Approval and Application	
Energy efficiency label (EEL)	A++
Energy Consumption kWh/1000 h	75 kWh

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Product Data	
Full product code	871869963910500
Order product name	TrueForce LED Road 120-68W E40 740
EAN/UPC – product	8718699639105
Order code	63910500
Numerator – quantity per pack	1

Numerator – packs per outer box	6
Material no. (12NC)	929002007702
Net weight (piece)	0.432 kg

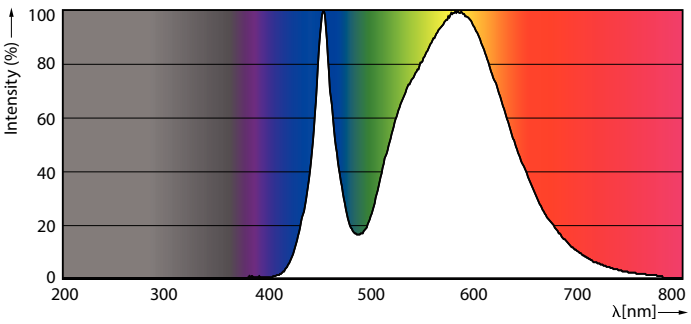
Dimensional drawing



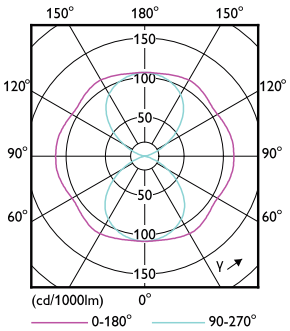
Product	D	C
TrueForce LED Road 120-68W E40 740	71 mm	262 mm

TForce LED SON-T ND 12klm E40 740 CL

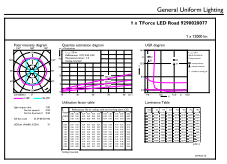
Photometric data



LEDTrueForce SON-T 12klm E40 740



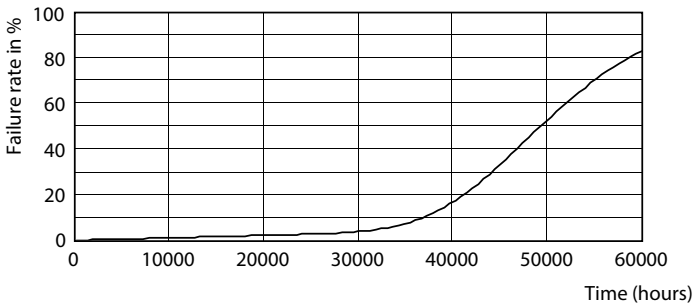
LEDTrueForce SON-T E40 68W



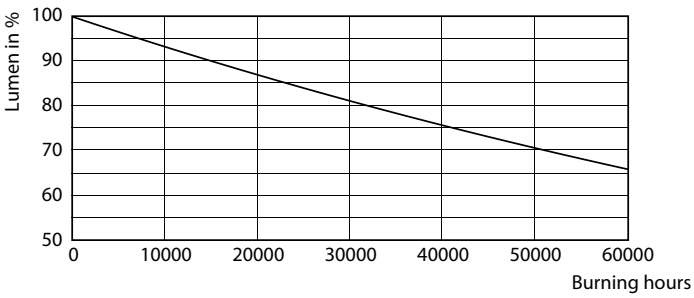
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Lifetime



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