



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]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	50,000X
Technical type	68-150W
	Sphere
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
Colour 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	
Lamp Finish	Clear
Bulb shape	Others

TrueForce LED Public (Road – SON)

Approval and Application

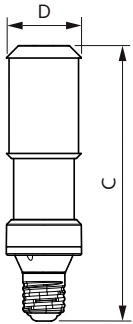
Energy Efficiency Class	C
Energy consumption kWh/1,000 hours	68 kWh
	465206

Product Data

Full product code	871869963910500
Order product name	TrueForce LED Road 120-68W E40 740

EAN/UPC – product	8718699639105
Order code	63910500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002007702
SAP net weight (piece)	0.432 kg

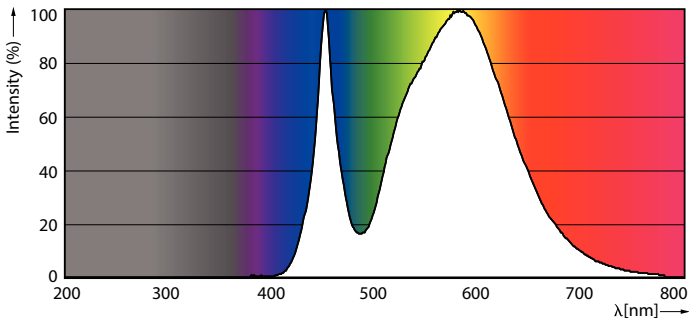
Dimensional drawing



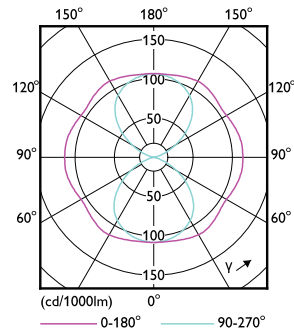
TForce LED SON-T ND 12klm E40 740 CL

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

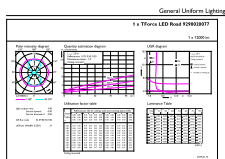
Photometric data



LEDTrueForce SON-T 12klm E40 740



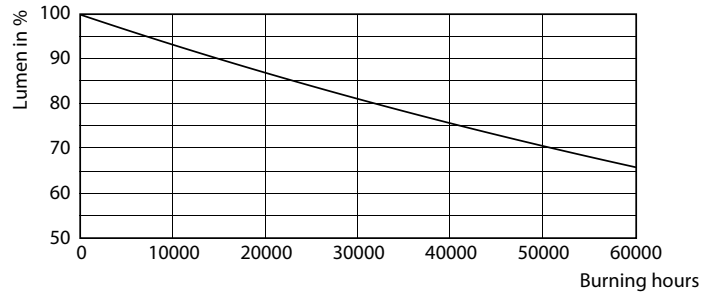
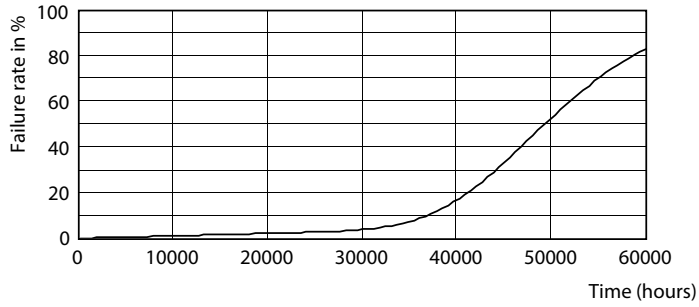
LEDTrueForce SON-T E40 68W



LEDTrueForce SON-T 12klm E40 740

TrueForce LED Public (Road – SON)

Lifetime



LEDTrueForce SON-T E40

LEDTrueForce SON-T E40

