



# 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	
Cap-Base	E40 [ E40]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Technical Type	55-100W
Light Technical	
Color Code	740 [ CCT of 4000K]
Luminous Flux (Nom)	9000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	163.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 Hz

Power (Nom)	55 W
Lamp Current (Nom)	1000 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	88-98 V
Temperature	
T-Case Maximum (Nom)	97 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Approval and Application	
Energy Efficiency Label (EEL)	A++

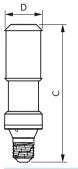
Datasheet, 2020, August 25 data subject to change

## TrueForce LED Public (Road - SON)

Energy Consumption kWh/1000 h	61 kWh
Energy consumption RWII/ 1000 II	OT NWIT
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

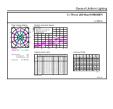
#### Dimensional drawing



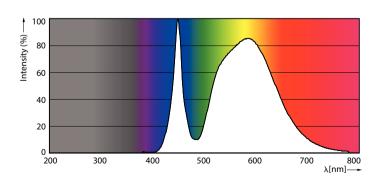
TForce LED SON-T ND 9klm E40 740 CL

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

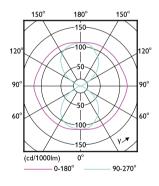
#### Photometric data







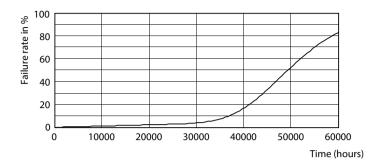
LEDTrueForce SON-T 9klm E40 740

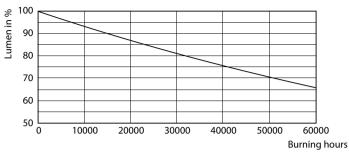


LEDTrueForce SON-T E40 55W

### TrueForce LED Public (Road - SON)

#### Lifetime





LEDTrueForce SON-T E40

LEDTrueForce SON-T E40



© 2020 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.