



# TrueForce LED Public (Road – SON)



## TrueForce LED Road 55W E40 740 MV

Philips LED Road lamps are an easy LED solution with a short payback period to replace High-Intensity Discharge (HID) and High-Pressure Sodium (SON) lamps. TrueForce LED solutions bring the energy efficiency and long lifetime benefits of LED to HID replacement, providing instant savings for a low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce LED road lamps into existing SON and SON-T systems, enhancing the lighting quality with LED without changing the luminaire's ballast or reflector.

### Warnings and Safety

- Installation must always be performed by a qualified electrician or installer. Use the installation guide for instructions.

### Product data

General Information	
Cap base	E40 [ E40]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	50,000X
Technical type	55-100W
	Sphere
Light Technical	
Colour Code	740 [ CCT of 4,000 K]
Lamp Luminous Flux 25°C EL (Nom)	9000 lm
Colour Designation	Cool White (CW)
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	163.00 lm/W
Colour consistency	<6

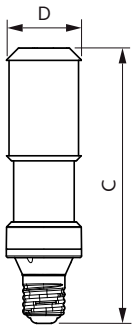
Colour Rendering Index,horiz (Nom)	70
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	55 W
Lamp current (max.)	610 mA
Lamp current (min.)	220 mA
Wattage equivalent	100 W
Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	100-277 V

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Temperature	
T-Case maximum (nom.)	97 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	Others
Approval and Application	
Energy Efficiency Class	C
Energy consumption kWh/1,000 hours	55 kWh

	406198
Product Data	
Full product code	871869967479300
Order product name	TrueForce LED Road 55W E40 740 MV
EAN/UPC – product	8718699674793
Order code	929002068708
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002068708
SAP net weight (piece)	0.430 kg

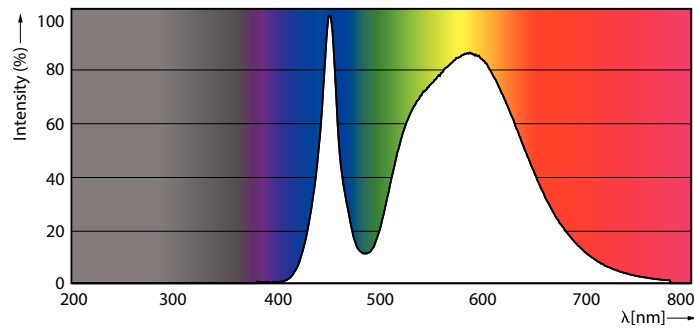
## Dimensional drawing



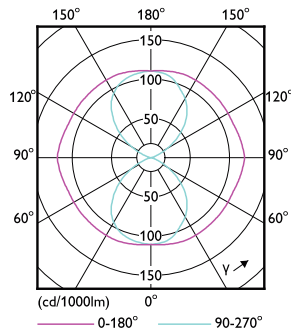
TrueForce LED Road 55W E40 740 MV

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

## Photometric data



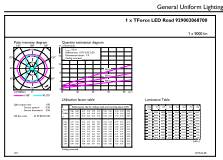
LEDTForce Road 55W Others E40 740-POC



LEDTForce Road 55W Others E40-LDD.eps

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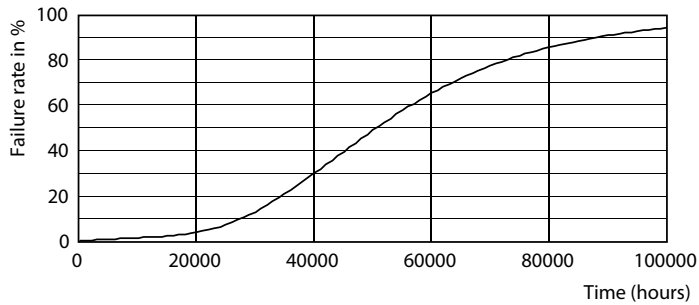
## Photometric data



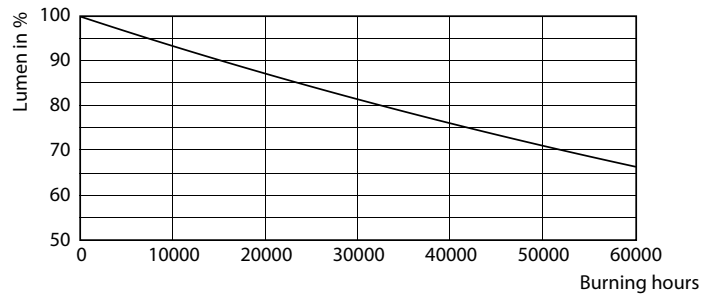
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## LEDForce Road 55W Others E40 740-GUL

## Lifetime



## 50K



## 50K

