



# TrueForce LED Public (Road – SON)



## TrueForce LED Road 68W 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 should 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	50000X
Technical Type	68-150W
Flux measurement reference	Sphere
Light technical	
Color Code	740 [ CCT of 4000K]
Luminous Flux (Nom)	12000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	176.00 lm/W
Color Consistency	<6

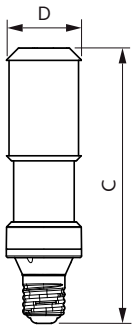
Color Rendering Index (Nom)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	68 W
Lamp Current (Max)	635 mA
Lamp Current (Min)	290 mA
Wattage Equivalent	150 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	120-277 V

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Temperature	
T-Case Maximum (Nom)	60 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Clear
Bulb Shape	T-shape
Approval and application	
Energy Efficiency Class	C
Energy Consumption kWh/1000 h	68 kWh

EPREL Registration Number	421454
Product data	
Full product code	871869970585500
Order product name	TrueForce LED Road 68W E40 740 MV
EAN/UPC - Product	8718699705855
Order code	929002277708
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002277708
Net Weight (Piece)	0.586 kg

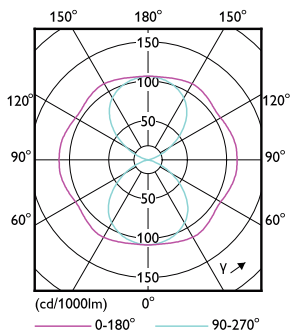
## Dimensional drawing



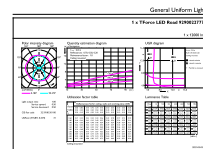
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Product	D	C
TrueForce LED Road 68W E40 740 MV	71 mm	262 mm

## Photometric data



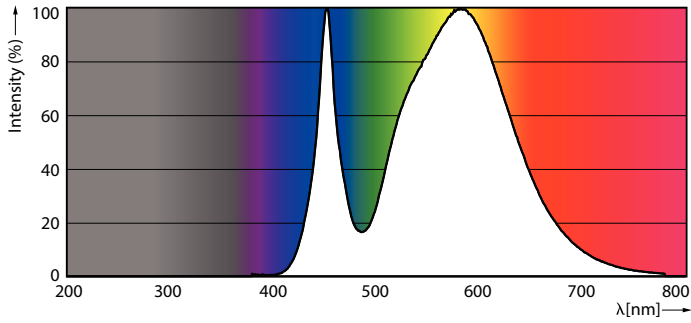
LEDTForce Road 68W Tshape E40



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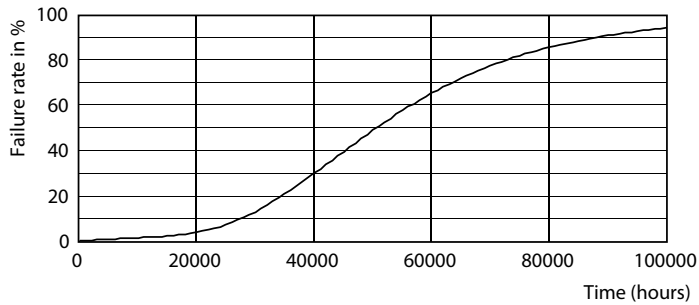
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## Photometric data

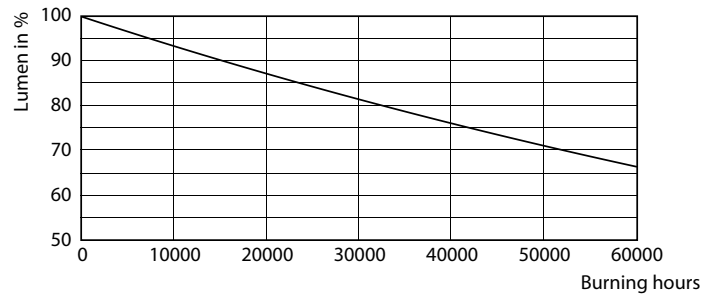


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## Lifetime



50K



50K

