# Lighting

**PHILIPS** 



# TrueForce LED Public (Road – SON)

# TrueForce LED Road 42-25W E27 740

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		Color Rendering Index (Nom)	70	
Cap-Base	E27 [ E27]	LLMF At End Of Nominal Lifetime (Nom)	70 %	
EU RoHS compliant	Yes			
Iominal Lifetime (Nom)	50000 h	Operating and electrical	Operating and electrical	
witching Cycle	50000X	Input Frequency	Input Frequency 50 Hz	
echnical Type	25-50W	Power (Nom)	Power (Nom) 25 W	
lux measurement reference	Sphere	Lamp Current (Nom)	800 mA	
		Wattage Equivalent	50 W	
ight technical		Starting Time (Nom)	0.5 s	
lor Code	740 [ CCT of 4000K]	Warm Up Time to 60% Light (Nom)	0.5 s	
uminous Flux (Nom)	4200 lm	Power Factor (Nom)	0.9	
olor Designation	Cool White (CW)	Voltage (Nom)	50-60 V	
Correlated Color Temperature (Nom)	4000 K			
iminous Efficacy (rated) (Nom)	168.00 lm/W			
Color Consistency	<6			

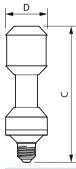
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## TrueForce LED Public (Road - SON)

Temperature			
Temperature			
T-Case Maximum (Nom)	95 ℃		
Controls and dimming			
Dimmable	No		
Mechanical and housing			
Bulb Finish	Clear		
Bulb Shape	Others		
Approval and application			
Energy Efficiency Class	D		
Energy Consumption kWh/1000 h	25 kWh		

EPREL Registration Number	403602		
Product data			
Full product code	871869963253300		
Order product name	TrueForce LED Road 42-25W E27 740		
EAN/UPC - Product	8718699632533		
Order code	929001999502		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	6		
Material Nr. (12NC)	929001999502		
Net Weight (Piece)	0.232 kg		

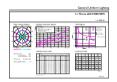
#### Dimensional drawing

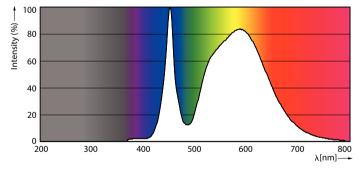


TrueForce LED Road 42-25W E27 740 61 mm 200 mm	Product	D	c
	TrueForce LED Road 42-25W E27 740	61 mm	200 mm

TrueForce LED Road 42-25W E27 740

#### Photometric data



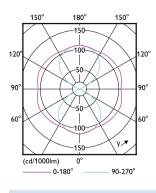


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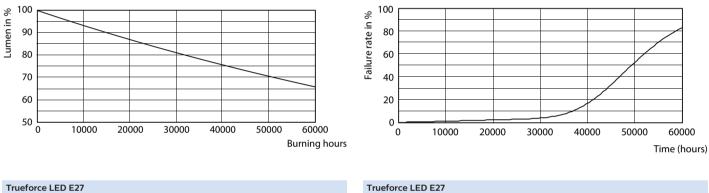
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#### Photometric data



#### Trueforce LED E27

Lifetime



Trueforce LED E27

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