# Lighting

**PHILIPS** 



# TrueForce LED Public (Road – SON)

## TrueForce LED Road 40-25W E27 730

Philips MASTER – LED HID SON-T lamps are an easy LED solution with a short payback period to replace High-Intensity Discharge (HID) and High-Pressure Sodium (SON) lamps. MASTER – LED HID SON-T 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 MASTER – LED HID SON-T lamps into existing SON and SON-T systems, enhancing the lighting quality with LED without changing the luminaire's ballast (for IF replacements) or reflector.

#### Warnings and Safety

• Please refer to the installation guide or consult a Philips Lighting representative for the wiring diagram and instructions.

#### Product data

eneral Information		Luminous efficacy (rated) (nom.)	160.00 lm/W
ap base	E27 [E27]	Colour consistency	<6
Nominal lifetime	50,000 h	Colour rendering index (CRI)	70
Switching Cycle	50,000	LLMF at end of nominal lifetime (nom.)	70 %
ighting Technology	LED		
Flux measurement reference	Sphere	Operating and Electrical	
CE mark	Yes	Line Frequency	50 Hz
EU RoHS compliant	Yes	Input frequency	50 Hz
		Power Consumption	25 W
ight Technical		Lamp current (nom.)	800 mA
Colour Code	730 [CCT of 3000K]	Starting time (nom.)	0.5 s
uminous Flux	4,000 lm	Warm-up time to 60% light	0.5 s
olour designation	White (WH)	Power Factor (Fraction)	0.9
Correlated Colour Temperature	3000 K		

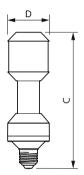


## TrueForce LED Public (Road - SON)

Voltage (nom.)	50-60 V
Temperature	
T-Case maximum (nom.)	95 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	Others
Approval and Application	
Energy Efficiency Class	D
Energy consumption kWh/1,000 hours	25 kWh

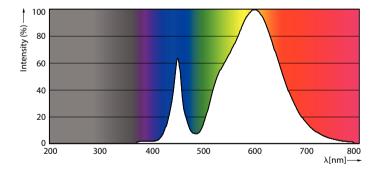
EPREL registration number	403601	
Product Data		
Order product name	TForce LED Road 40-25W E27 730	
Full product name	TrueForce LED Road 40-25W E27 730	
Full EOC	871869963251900	
Order code	63251900	
Material no. (12 NC)	929001999402	
SAP numerator – quantity per pack	1	
EAN/UPC — Product/Case	8718699632519	
Numerator – packs per outer box	6	
EAN/UPC - Case	8718699632526	

#### Dimensional drawing



# ProductDCTForce LED Road 40-25W E27 73061 mm200 mm

#### Photometric data



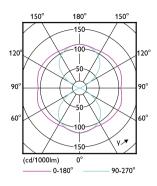
Spectral Power Distribution Colour - TForce LED Road 40-25W E27 730

	1 x TFarce LED \$290019994
	1 × 400 m
Window B	

General uniform lighting - TForce LED Road 40-25W E27 730

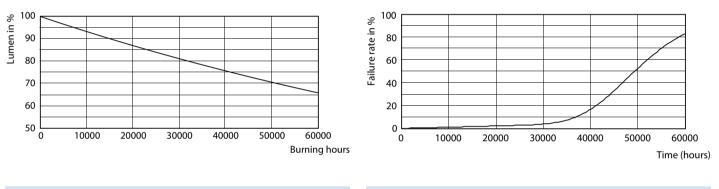
### TrueForce LED Public (Road - SON)





Light Distribution Diagram - TForce LED Road 40-25W E27 730

#### Lifetime



Lumen Maintenance Diagram - TForce LED Road 40-25W E27 730

Life Expectancy Diagram - TForce LED Road 40-25W E27 730



© 2023 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.

www.lighting.philips.com 2023, April 14 - data subject to change