



TrueForce LED Public (Road – SON)



TrueForce LED Road 42-25W E27 740

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

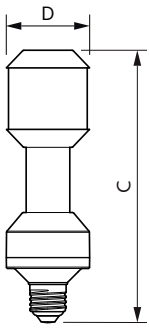
General Information		Operating and Electrical	
Cap base	E27 [E27]	Luminous efficacy (rated) (nom.)	168.00 lm/W
Nominal lifetime	50,000 h	Colour consistency	<6
Switching Cycle	50,000	Colour rendering index (CRI)	70
Lighting Technology	LED	LLMF at end of nominal lifetime (nom.)	70 %
Flux measurement reference	Sphere	Line Frequency	50 Hz
CE mark	Yes	Input frequency	50 Hz
EU RoHS compliant	Yes	Power Consumption	25 W
Colour Code	740 [CCT of 4000K]	Lamp current (nom.)	800 mA
Luminous Flux	4,200 lm	Starting time (nom.)	0.5 s
Colour designation	Cool White (CW)	Warm-up time to 60% light	0.5 s
Correlated Colour Temperature	4000 K	Power Factor (Fraction)	0.9

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Voltage (nom.)	50-60 V
Temperature	
T-Case maximum (nom.)	95 °C
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

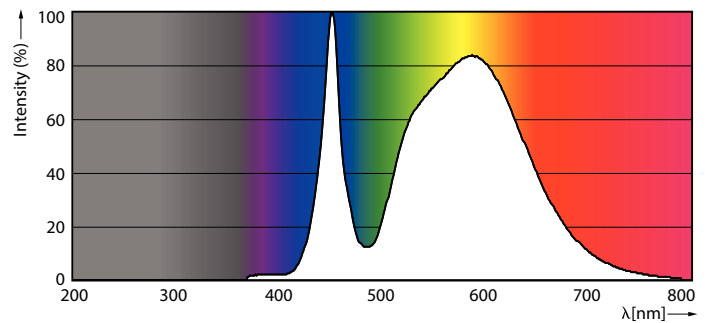
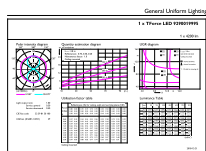
EPREL registration number	403602
Product Data	
Order product name	TForce LED Road 42-25W E27 740
Full product name	TrueForce LED Road 42-25W E27 740
Full EOC	871869963253300
Order code	63253300
Material no. (12 NC)	929001999502
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699632533
Numerator – packs per outer box	6
EAN/UPC - Case	8718699632540

Dimensional drawing



Product	D	C
TForce LED Road 42-25W E27 740	61 mm	200 mm

Photometric data

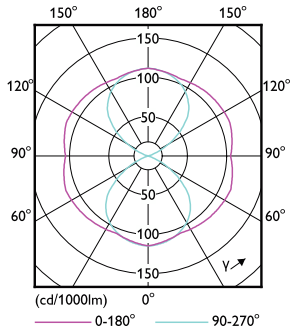


General uniform lighting - TForce LED Road 42-25W E27 740

Spectral Power Distribution Colour - TForce LED Road 42-25W E27 740

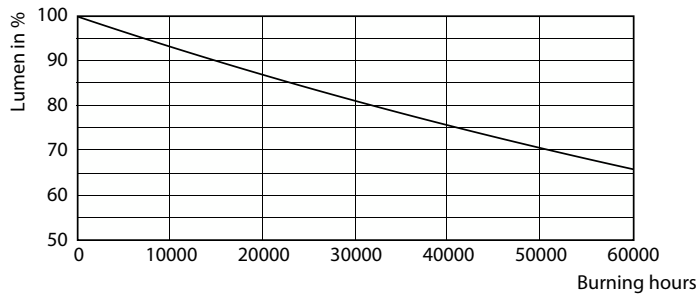
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Photometric data

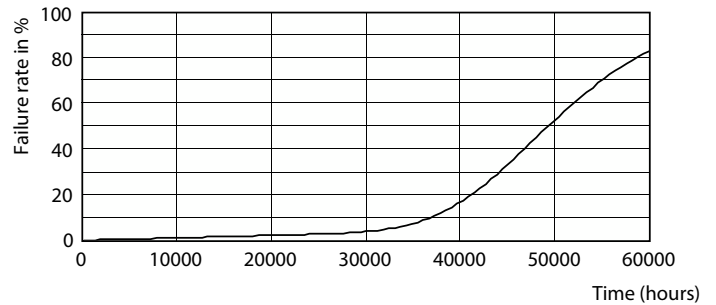


Light Distribution Diagram - TForce LED Road 42-25W E27 740

Lifetime



Lumen Maintenance Diagram - TForce LED Road 42-25W E27 740



Life Expectancy Diagram - TForce LED Road 42-25W E27 740

