



TrueForce LED Public (Road – SON)



TrueForce LED Road 55-35W 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

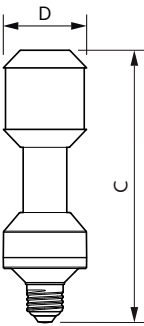
General Information		Luminous efficacy (rated) (nom.)	
Cap base	E27 [E27]	Colour consistency	<6
Nominal lifetime	50,000 h	Colour rendering index (CRI)	70
Switching Cycle	50,000	LLMF at end of nominal lifetime (nom.)	70 %
Lighting Technology	LED	Operating and Electrical	
Flux measurement reference	Sphere	Line Frequency	50 Hz
CE mark	Yes	Input frequency	50 Hz
EU RoHS compliant	Yes	Power Consumption	35 W
Light Technical		Lamp current (nom.)	920 mA
Colour Code	730 [CCT of 3000K]	Starting time (nom.)	0.5 s
Luminous Flux	5,500 lm	Warm-up time to 60% light	0.5 s
Colour designation	White (WH)	Power Factor (Fraction)	0.9
Correlated Colour Temperature	3000 K		

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Voltage (nom.)	70-80 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	35 kWh

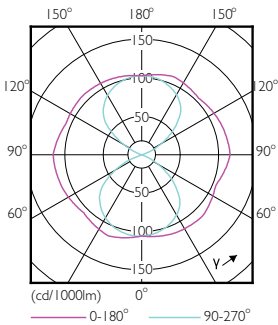
EPREL registration number	403564
Product Data	
Order product name	TForce LED Road 55-35W E27 730
Full product name	TrueForce LED Road 55-35W E27 730
Full EOC	871869681115300
Order code	81115300
Material no. (12 NC)	929001898402
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696811153
Numerator – packs per outer box	6
EAN/UPC - Case	8718696811160

Dimensional drawing

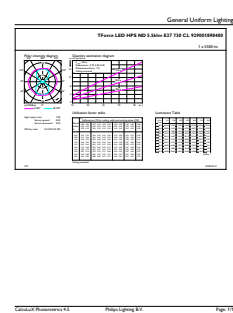


Product	D	C
TForce LED Road 55-35W E27 730	61 mm	200 mm

Photometric data



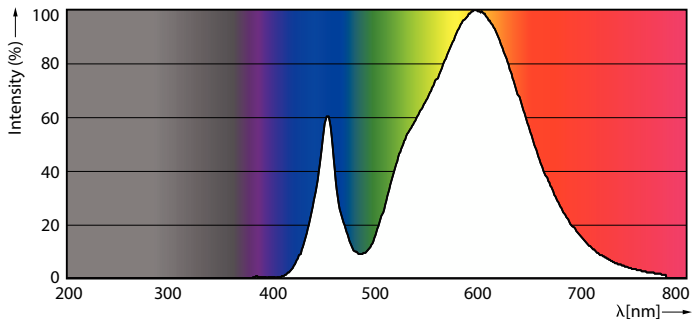
Light Distribution Diagram – TForce LED Road 55-35W E27 730



General uniform lighting – TForce LED Road 55-35W E27 730

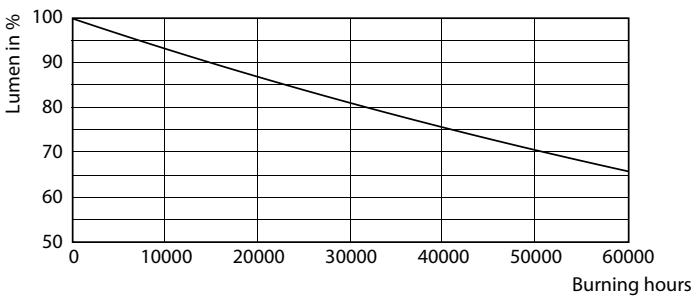
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Photometric data

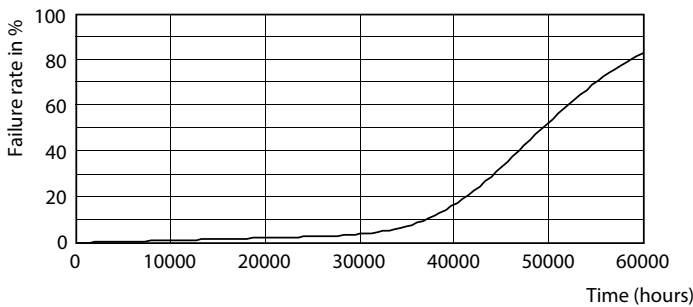


Spectral Power Distribution Colour - TForce LED Road 55-35W E27 730

Lifetime



Lumen Maintenance Diagram - TForce LED Road 55-35W E27 730



Life Expectancy Diagram - TForce LED Road 55-35W E27 730

