PHILIPS Lighting



MASTER - LED HID SON-T

TForce 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

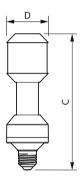
General Information		LLMF At End Of Nominal Lifetime (Nom)	70 %
Cap-Base	E27 [E27]		
Nominal lifetime	50,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 Hz
Lighting Technology	LED	Input Frequency	50 Hz
Flux measurement reference	Sphere	Power Consumption	25 W
		Lamp Current (Nom)	800 mA
Light Technical		Wattage Equivalent	50 W
olor Code	740 [CCT of 4000K]	Starting Time (Nom)	0.5 s
uminous Flux	4,200 lumen	Warm-up time to 60% light	0.5 s
olor Designation	Cool White (CW)	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Voltage (Nom)	50-60 V
uminous Efficacy (rated) (Nom)	168.00 lm/W		
olor Consistency	<6		
Color rendering index (CRI)	70		

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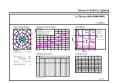
Temperature	
T-Case Maximum (Nom)	95 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	25 kWh
EPREL Registration Number	403,602
CE mark	Yes

EU RoHS compliant	Yes	
Product Data		
Full product code	871869963253300	
Order product name	TForce LED Road 42-25W E27 740	
Order code	929001999502	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material number (12NC)	929001999502	
Full product name	TForce LED Road 42-25W E27 740	
EAN/UPC - Case	8718699632540	

Dimensional drawing

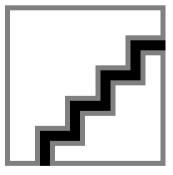


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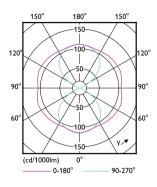
Product	D	с
TForce LED Road 42-25W E27 740	61 mm	200 mm



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

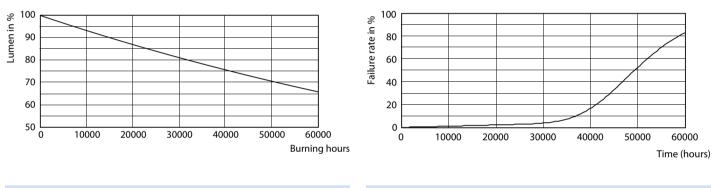
MASTER - LED HID SON-T

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



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www.lighting.philips.com 2023, May 16 - data subject to change