# Lighting

**PHILIPS** 



## MASTER - LED HID SON-T

### 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**

eral Information		Luminous Efficacy (rated) (Nom)	168.00 lm/W
p-Base	E27	Color Consistency	<6
ominal lifetime	50,000 hour(s)	Color rendering index (CRI)	70
ritching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
ghting Technology	LED		
lux measurement reference	Sphere	Operating and Electrical	
E mark	Yes	Line Frequency	50 Hz
U RoHS compliant	Yes	Input Frequency	50 Hz
		Power Consumption	25 W
ght Technical		Lamp Current (Nom)	800 mA
olor Code	740 [CCT of 4000K]	Starting Time (Nom)	0.5 s
uminous Flux	4,200 lm	Warm-up time to 60% light	0.5 s
olor Designation	Cool White (CW)	Power Factor (Fraction)	0.9
orrelated Color Temperature (Nom)	4000 K		

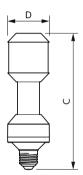


#### **MASTER - LED HID SON-T**

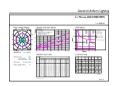
Voltage (Nom)	50-60 V
Voltage (NoIII)	50-80 V
Temperature	
T-Case Maximum (Nom)	95 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and Application	
Energy Efficiency Class	D
Energy Consumption kWh/1000 h	25 kWh

EPREL Registration Number	403602	
Product Data		
Order product name	TForce LED Road 42-25W E27 740	
Full product name	TrueForce LED Road 42-25W E27 740	
Full product code	871869963253300	
Order code	63253300	
Material Nr. (12NC)	929001999502	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718699632533	
Numerator - Packs per outer box	6	
EAN/UPC - Case	8718699632540	

#### Dimensional drawing

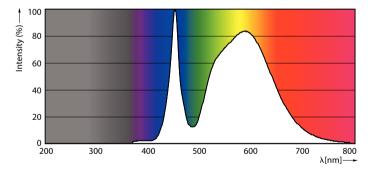


#### Photometric data



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

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

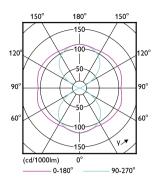


Spectral Power Distribution Colour - TForce LED Road 42-25W E27 740

Datasheet, 2023, August 28

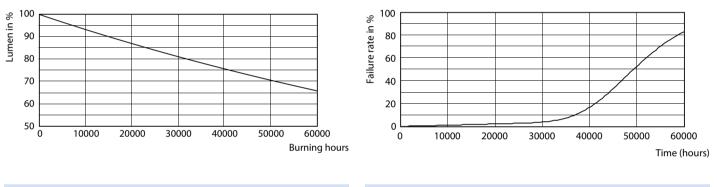
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Light Distribution Diagram - TForce LED Road 42-25W E27 740

#### 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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