



MASTER - LED HID SON-T



TForce LED Road 60-35W 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		
Cap-Base	E27 [E27]	
Nominal lifetime	50,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
Flux measurement reference	Sphere	
CE mark	Yes	
EU RoHS compliant	Yes	
Light Technical		
Color Code	740 [CCT of 4000K]	
Luminous Flux	6,000 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	

Luminous Efficacy (rated) (Nom)	171.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 Hz
Input Frequency	50 Hz
Power Consumption	35 W
Lamp Current (Nom)	920 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9

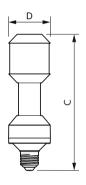
Datasheet, 2023, November 15 data subject to change

MASTER - LED HID SON-T

Voltage (Nom)	70-80 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	35 kWh	

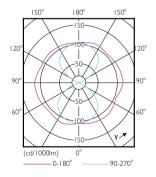
EPREL Registration Number	403565
Product Data	
Order product name	TForce LED Road 60-35W E27 740
Full product name	TForce LED Road 60-35W E27 740
Full product code	871869681117700
Order code	929001898502
Material Nr. (12NC)	929001898502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696811177
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696811184

Dimensional drawing

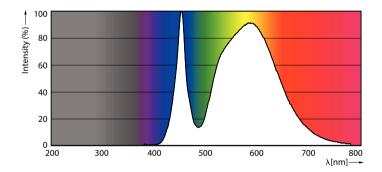


Product	D	С
TForce LED Road 60-35W E27 740	61 mm	200 mm

Photometric data



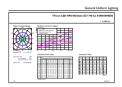
Light Distribution Diagram - TForce LED Road 60-35W E27 740



Spectral Power Distribution Colour - TForce LED Road 60-35W E27 740

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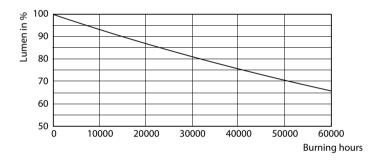
Photometric data

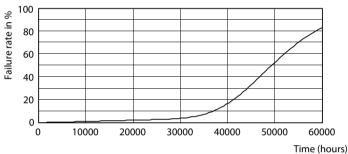


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General uniform lighting - TForce LED Road 60-35W E27 740

Lifetime





Lumen Maintenance Diagram - TForce LED Road 60-35W E27 740

Life Expectancy Diagram - TForce LED Road 60-35W E27 740



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