



MASTER - LED HID SON-T

TForce LED Road 55W E40 740 MV

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	E40 [E40]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
EU RoHS compliant	Yes
Light Technical	
Color Code	740 [CCT of 4000K]
Luminous Flux	9,000 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	163.00 lm/W

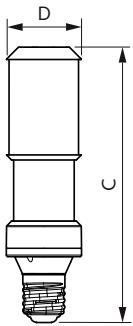
Color Consistency	<6
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	55 W
Lamp Current (Max)	610 mA
Lamp Current (Min)	220 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9

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Voltage (Nom)	100-277 V
Temperature	
T-Case Maximum (Nom)	97 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and Application	
Energy Efficiency Class	C
Energy Consumption kWh/1000 h	55 kWh

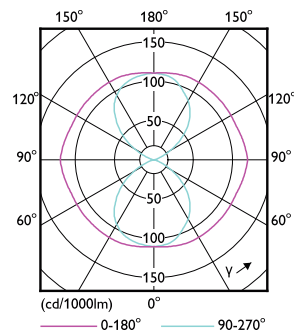
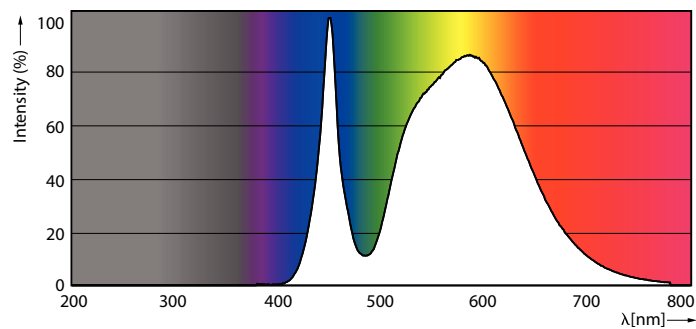
EPREL Registration Number	406198
Product Data	
Full product code	871869967479300
Order product name	TForce LED Road 55W E40 740 MV
Order code	929002068708
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002068708
Full product name	TForce LED Road 55W E40 740 MV
EAN/UPC - Case	8718699674809
EAN/UPC - Product/Case	8718699674793

Dimensional drawing



Product	D	C
TForce LED Road 55W E40 740 MV	71 mm	262 mm

Photometric data

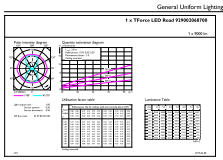


Spectral Power Distribution Colour - TForce LED Road 55W E40 740 MV

Light Distribution Diagram - TForce LED Road 55W E40 740 MV

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Photometric data



General uniform lighting - TForce LED Road 55W E40 740 MV

Lifetime



Life Expectancy Diagram - TForce LED Road 55W E40 740 MV



Lumen Maintenance Diagram - TForce LED Road 55W E40 740 MV

