



MASTER - LED HID SON-T



TForce LED Road 55W E40 740 MV

MASTER, LED SON-T, Others, EM/Mains, 100-277 V, 55 W, 100, E40, 4000 K, 9000 lm, CRI 70, 50000 hour(s)

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		Operating and Electrical	
Cap-Base	E40	Luminous Flux	9,000 lm
Nominal lifetime	50,000 hour(s)	Color Designation	Cool White (CW)
Switching Cycle	50,000	Correlated Color Temperature (Nom)	4000 K
Lighting Technology	LED SON-T	Luminous Efficacy (rated) (Nom)	163.00 lm/W
Flux measurement reference	Sphere	Color Consistency	<6
Warranty period	8 years	Color rendering index (CRI)	70
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical			
Color Code	740 [CCT of 4000K]	Line Frequency	50 to 60 Hz

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Input Frequency	50 to 60 Hz
Power Consumption	55 W
Lamp Current (Max)	610 mA
Lamp Current (Min)	220 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	100-277 V
Wattage Equivalent (LED HID only)	100
Ballast Compatibility	EM/Mains

Temperature

T-Case Maximum (Nom)	97 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Others
Net Weight (Piece)	0.430 kg

Approval and Application

Energy Efficiency Class	C
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Energy Saving Product	Yes
Energy Consumption kWh/1000 h	55 kWh
EPREL Registration Number	406198
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	2

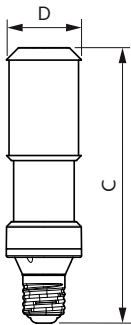
Application Conditions

Wireless Technology	Not applicable
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Product Data

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

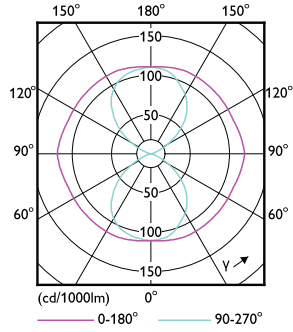
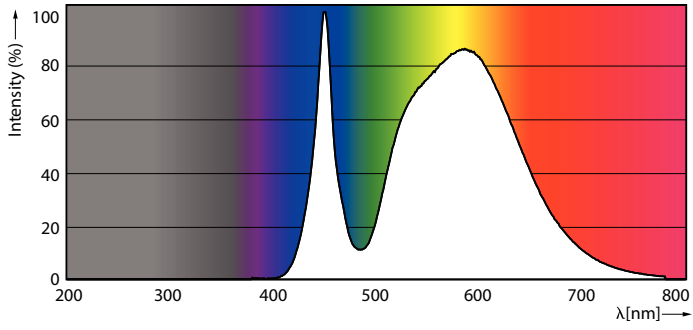
Dimensional drawing



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

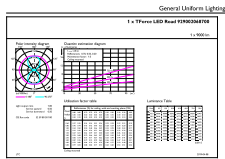
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Photometric data



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

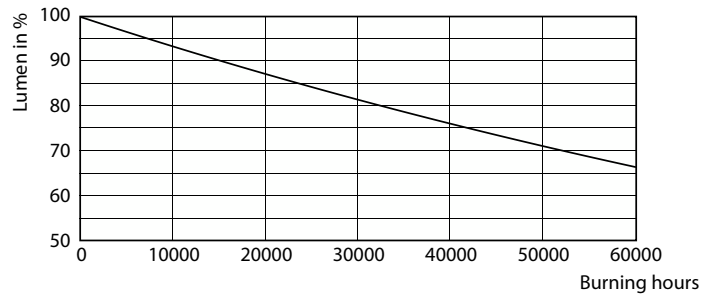
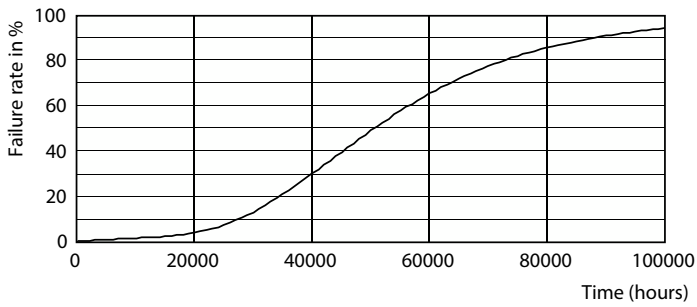
Light Distribution Diagram - TForce LED Road 55W E40 740 MV



Standard Powerline E40 High Lighting SV April 17

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

Lifetime



Life Expectancy Diagram

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

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