



MASTER - LED HID SON-T

TForce LED Road 35W E27 730 MV

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	
Cap-Base	E27 [E27]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	730 [CCT of 3000K]
Luminous Flux	5,500 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	157.00 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	35 W
Wattage Equivalent	70 W
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
Temperature	
T-Case Maximum (Nom)	95 ℃

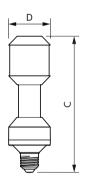
Datasheet, 2023, April 15 data subject to change

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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	406,205
EU RoHS compliant	Yes

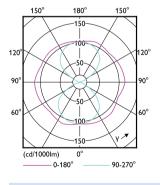
Product Data		
Full product code	871869967483000	
Order product name	TForce LED Road 35W E27 730 MV	
Order code	929002221708	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material number (12NC)	929002221708	
Full product name	TForce LED Road 35W E27 730 MV	
EAN/UPC - Case	8718699674847	

Dimensional drawing

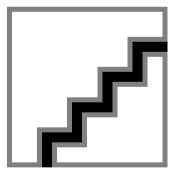


Product	D	С
TForce LED Road 35W E27 730 MV	61 mm	200 mm

Photometric data



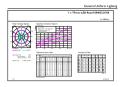
Light Distribution Diagram - TForce LED Road 35W E27 730 MV



Spectral Power Distribution Colour - TForce LED Road 35W E27 730 MV

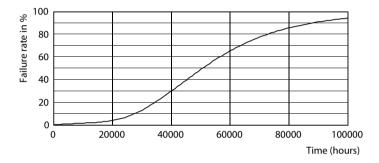
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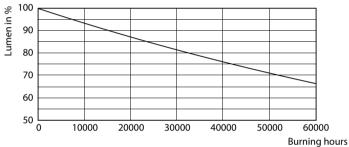
Photometric data



Calculus Photometrics 4.5 Philips Lighting R.V. Fago: 171

Lifetime





Life Expectancy Diagram - TForce LED Road 35W E27 730 MV

Lumen Maintenance Diagram - TForce LED Road 35W E27 730 MV



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