



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 °C

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Others

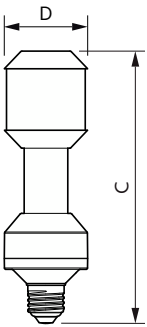
Approval and Application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	35 kWh
EPREL Registration Number	406,205
EU RoHS compliant	Yes

Product Data

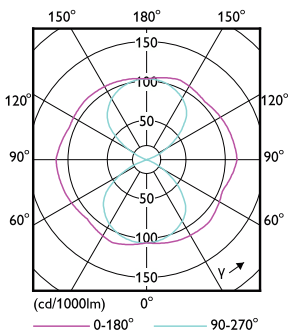
Full product code	871869967483000
Order product name	TForce LED Road 35W E27 730 MV
Order code	929002221708
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002221708
Full product name	TForce LED Road 35W E27 730 MV
EAN/UPC - Case	8718699674847

Dimensional drawing

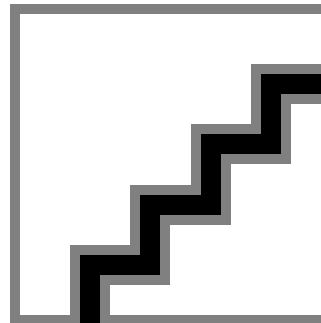


Product	D	C
TForce LED Road 35W E27 730 MV	61 mm	200 mm

Photometric data



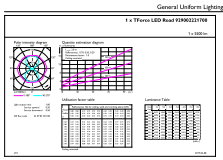
Light Distribution Diagram - TForce LED Road 35W E27 730 MV



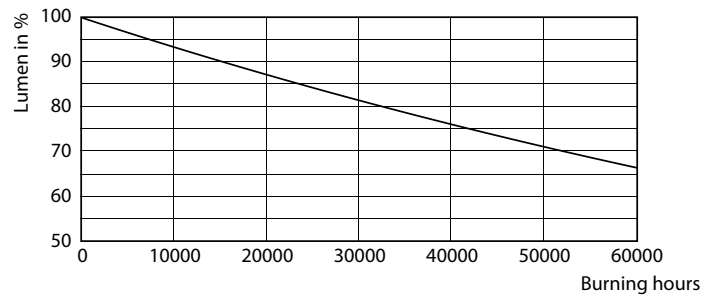
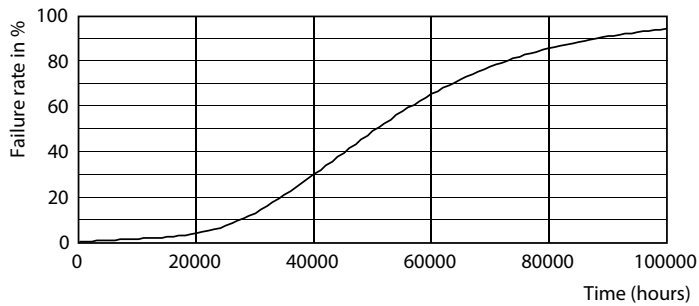
Spectral Power Distribution Colour - TForce LED Road 35W E27 730 MV

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Photometric data



Lifetime



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

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

