



MASTER - LED HID SON-T



TrueForce LED Road 112-68W E40 730

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
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	730 [CCT of 3000K]
Luminous Flux	11,200 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K

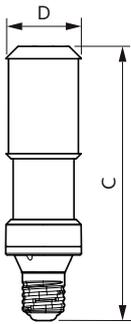
Luminous Efficacy (rated) (Nom)	164.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 Hz
Input Frequency	50 Hz
Power Consumption	68 W
Lamp Current (Nom)	1,650 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9

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Voltage (Nom)	80-90 V
Temperature	
T-Case Maximum (Nom)	103 °C
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	68 kWh

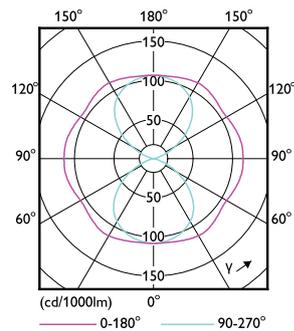
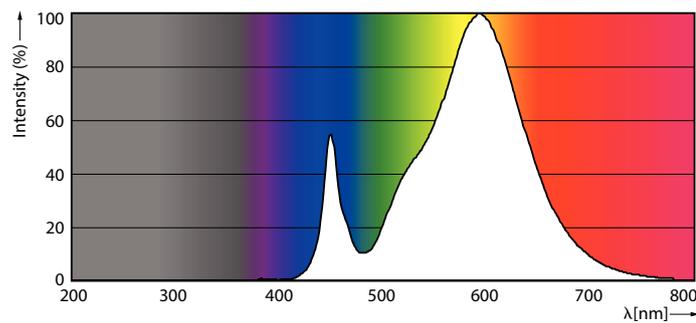
EPREL Registration Number	465205
Product Data	
Order product name	TForce LED Road 112-68W E40 730
Full product name	TrueForce LED Road 112-68W E40 730
Full product code	871869963908200
Order code	63908200
Material Nr. (12NC)	929002007602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699639082
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699639099

Dimensional drawing



Product	D	C
TForce LED Road 112-68W E40 730	71 mm	262 mm

Photometric data

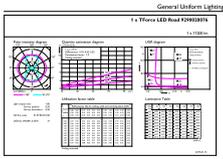


Spectral Power Distribution Colour - TForce LED Road 112-68W E40 730

Light Distribution Diagram - TForce LED Road 112-68W E40 730

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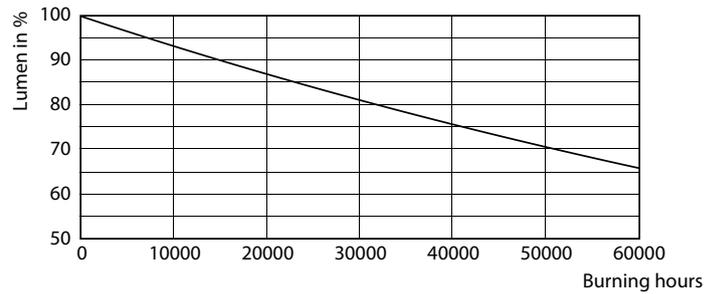
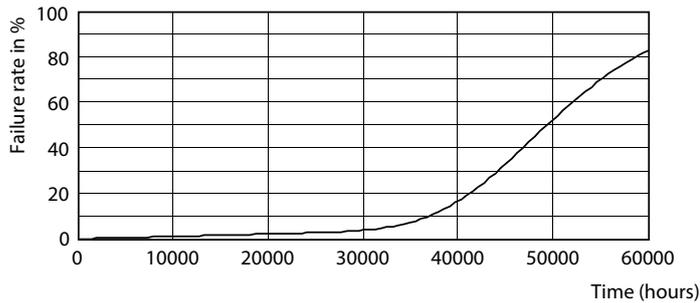
Photometric data



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Accent Lighting Spots - TForce LED Road 112-68W E40 730

Lifetime



Life Expectancy Diagram - TForce LED Road 112-68W E40 730

Lumen Maintenance Diagram - TForce LED Road 112-68W E40 730

