



# TrueForce LED Public (Road – SON)



## TrueForce LED Road 112-68W E40 730

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 must always be performed by a qualified electrician or installer. Use the installation guide for instructions.

### Product data

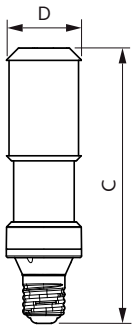
General Information		Colour Rendering Index,horiz (Nom)	
Cap base	E40 [ E40]		70
EU RoHS compliant	Yes	LLMF at end of nominal lifetime (nom.)	70 %
Nominal lifetime (nom.)	50000 h	<b>Operating and Electrical</b>	
Switching cycle	50,000X	Input frequency	50 Hz
Technical type	68-150W	Power (Rated) (Nom)	68 W
	Sphere	Lamp current (nom.)	1650 mA
		Wattage equivalent	100 W
		Starting time (nom.)	0.5 s
		Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.9
		Voltage (Nom)	80-90 V
Light Technical			
Colour Code	730 [ CCT of 3,000 K]		
Lamp Luminous Flux 25°C EL (Nom)	11200 lm		
Colour Designation	White (WH)		
Colour Temperature, horizontal (Nom)	3000 K		
Lamp Luminous Efficacy EM (Nom)	164.00 lm/W		
Colour consistency	<6		

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Temperature	
T-Case maximum (nom.)	103 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	Others
Approval and Application	
Energy Efficiency Class	D
Energy consumption kWh/1,000 hours	68 kWh

	465205
Product Data	
Full product code	871869963908200
Order product name	TrueForce LED Road 112-68W E40 730
EAN/UPC – product	8718699639082
Order code	929002007602
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002007602
SAP net weight (piece)	0.432 kg

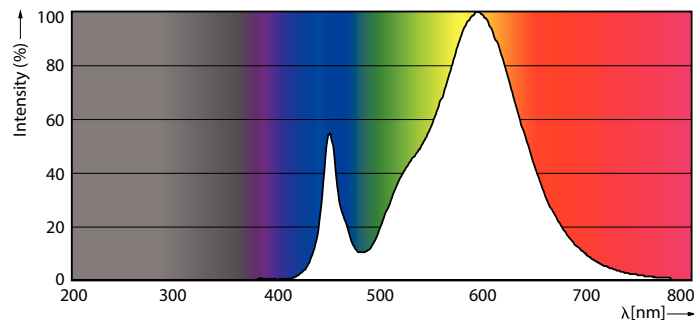
## Dimensional drawing



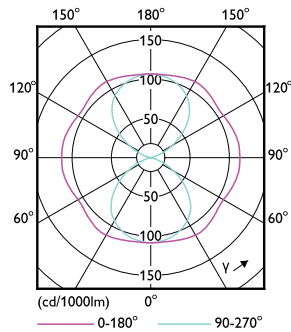
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Product	D	C
TrueForce LED Road 112-68W E40 730	71 mm	262 mm

## Photometric data



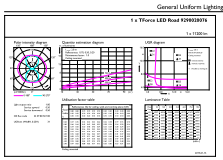
LEDTrueForce SON-T 115klm E40 730



LEDTrueForce SON-T E40 68W

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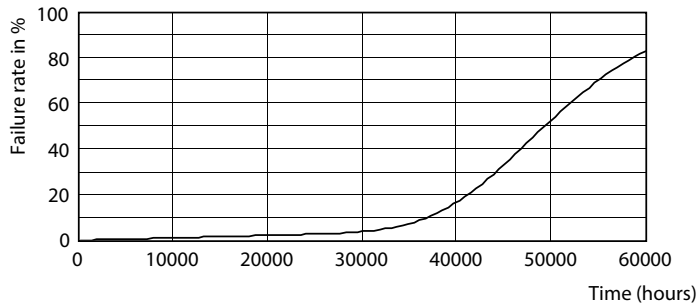
## Photometric data



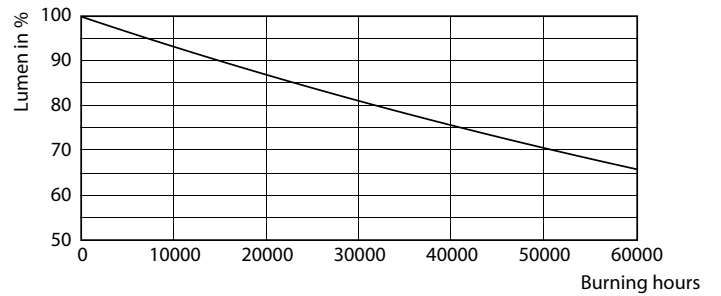
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## Lifetime



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