



TrueForce LED Public (Road – SON)

TrueForce LED Road 84-55W 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 should always be performed by a qualified electrician or installer. Use the installation guide for instructions.

Product data

General information	
Cap-Base	E40 [E40]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Technical Type	55-100W
Flux measurement reference	Sphere
Light technical	
Color Code	730 [CCT of 3000K]
Luminous Flux (Nom)	8400 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	152.00 lm/W
Color Consistency	<6

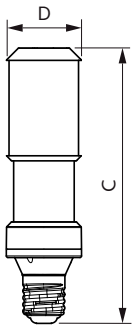
Color Rendering Index (Nom)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	50 Hz
Power (Nom)	55 W
Lamp Current (Nom)	1000 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	88-98 V

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Temperature	
T-Case Maximum (Nom)	97 °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	55 kWh

EPREL Registration Number	403607
Product data	
Full product code	871869963904400
Order product name	TrueForce LED Road 84-55W E40 730
EAN/UPC - Product	8718699639044
Order code	929002007402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002007402
Net Weight (Piece)	0.432 kg

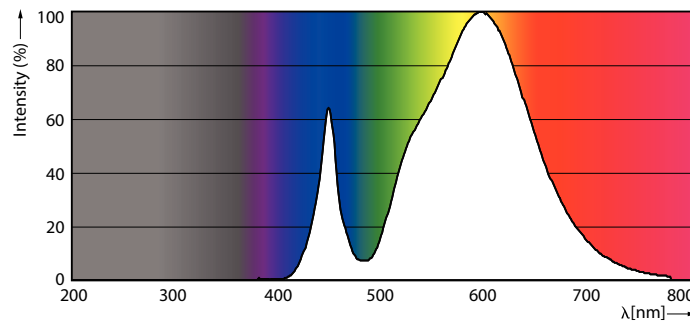
Dimensional drawing



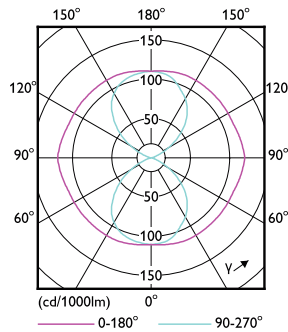
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Product	D	C
TrueForce LED Road 84-55W E40 730	71 mm	262 mm

Photometric data



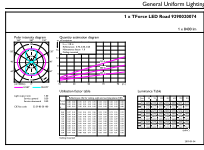
LEDTrueForce SON-T 85klm E40 730



LEDTrueForce SON-T E40 55W

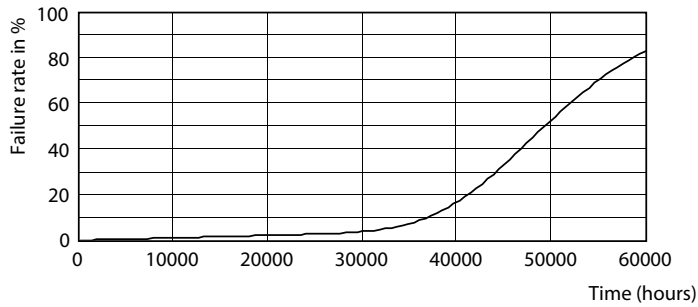
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Photometric data

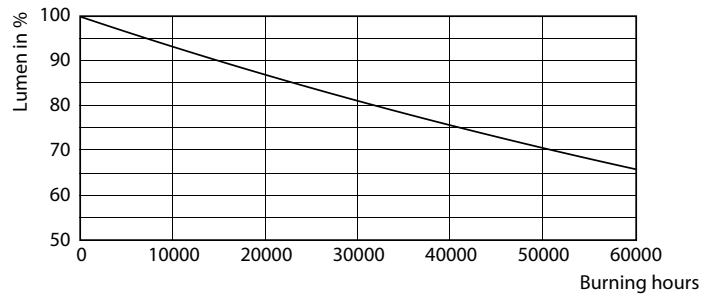


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Lifetime



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