



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	50000	
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	

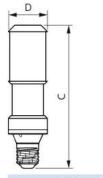
Datasheet, 2022, August 23 data subject to change

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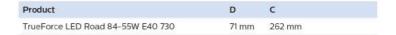
Temperature		
T-Case Maximum (Nom)	97 ℃	
Controls and dimming		
Dimmable	No	
Mechanical and housing		
Bulb Finish	Clear	
Bulb Shape	Others	
Approval and application		
Energy Efficiency Class	D	
Energy Consumption kWh/1000 h	55 kWh	

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

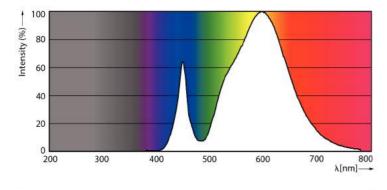
Dimensional drawing



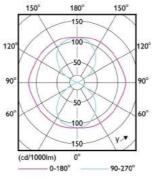
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Photometric data



LEDTrueForce SON-T 85klm E40 730



LEDTrueForce SON-T E40 55W

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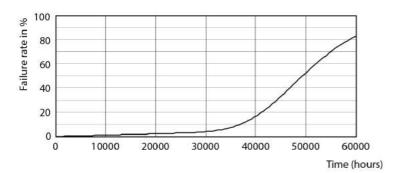
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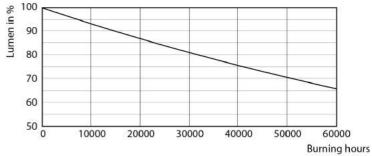


Sand Receive 11 Han Long St. San San St

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Lifetime





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