



Trueforce CorePro LED HPL

TForce Core LED HPL 13W E27 840 FR

Philips TrueForce Core LED HPL lamps are an easy, LED solution with a short pay-back to replace High Intensity Discharge (HID) lamps. This new generation of LED Core Post-Top lamps brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while delivering instant saving for a low initial investment. Furthermore, TrueForce CorePro LED HPL lamps are designed to have the same lamp size and light distribution as their HID alternatives. And thanks to our high-power LED filament technology, you'll never know the difference. Plus, their unique IP65 design means that TrueForce Core LED HPL Post-Top lamps can be used for outdoor, as well as indoor applications.

Warnings and Safety

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

Product data

General information		Luminous Flux (Rated) (Nom)	
Cap-Base	E27 [E27]	2000 lm	
CE mark	Yes	Color Designation	
EU RoHS compliant	Yes	Cool White (CW)	
Nominal Lifetime (Nom)	25000 h	Correlated Color Temperature (Nom)	
Switching Cycle	15000	4000 K	
Flux measurement reference	Sphere	Luminous Efficacy (rated) (Nom)	
Tier	CorePro	153.00 lm/W	
Light technical		Color Consistency	
Color Code	840 [CCT of 4000K]	<6	
Beam Angle (Nom)	300 °	Color Rendering Index (Nom)	
Luminous Flux (Nom)	2000 lm	80	
		LLMF At End Of Nominal Lifetime (Nom)	
		0.7 %	
		Operating and electrical	
		Input Frequency	
		50 to 60 Hz	
		Power (Nom)	
		13 W	
		Lamp Current (Nom)	
		130 mA	
		Wattage Equivalent	
		50 W	

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Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.5
Voltage (Nom)	220-240 V

Temperature

T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Case Maximum (Nom)	42 °C

Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Frosted
Bulb Shape	ED75 [ED 75mm]

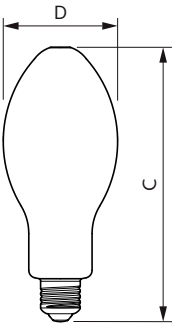
Approval and application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	13 kWh
EPREL Registration Number	403619

Product data

Full product code	871869975027500
Order product name	TForce Core LED HPL 13W E27 840 FR
EAN/UPC - Product	8718699750275
Order code	929002349802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002349802
Net Weight (Piece)	0.130 kg

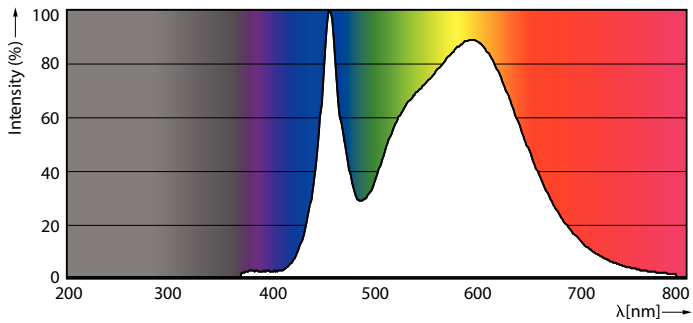
Dimensional drawing



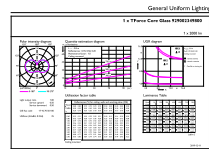
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Product	D	C
TForce Core LED HPL 13W E27 840 FR	75 mm	180 mm

Photometric data



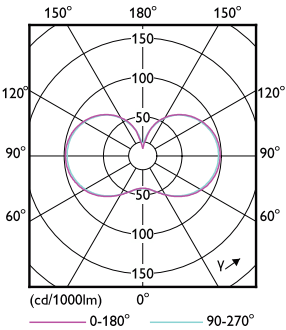
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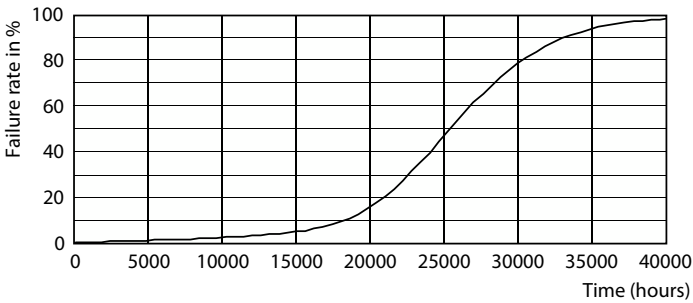
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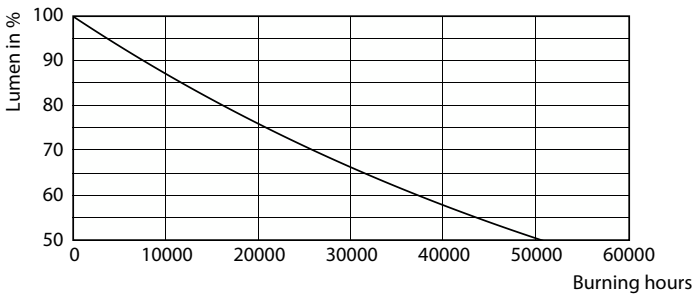


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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

