



Corepro - LED HID 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

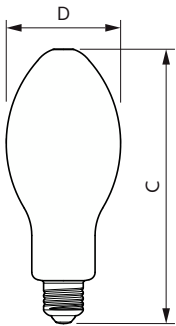
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	E27 [E27]		153.00 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	15,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	0.7 %
Flux measurement reference	Sphere	Operating and Electrical	
Light Technical		Line Frequency	50 to 60 Hz
Color Code	840 [CCT of 4000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	300 degree(s)	Power Consumption	13 W
Luminous Flux	2,000 lumen	Lamp Current (Nom)	130 mA
Color Designation	Cool White (CW)	Wattage Equivalent	50 W
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	42 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	ED75 [ED 75mm]
Approval and Application	
Energy Consumption kWh/1000 h	13 kWh

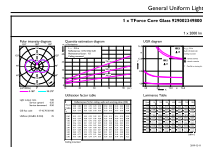
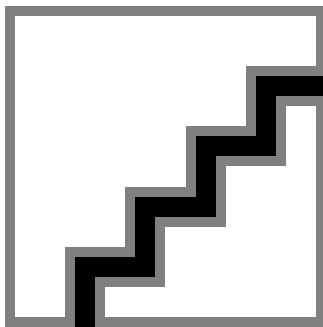
EPREL Registration Number	403,619
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871869975027500
Order product name	TForce Core LED HPL 13W E27 840 FR
Order code	929002349802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002349802
Full product name	TForce Core LED HPL 13W E27 840 FR
EAN/UPC - Case	8718699750282

Dimensional drawing



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

Photometric data

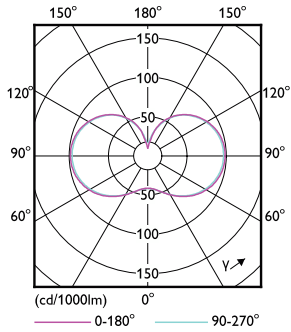


General Uniform Light
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Spectral Power Distribution Colour - TForce Core LED HPL 13W E27 840 FR

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Photometric data



Light Distribution Diagram - TForce Core LED HPL 13W E27 840 FR

Lifetime



Life Expectancy Diagram - TForce Core LED HPL 13W E27 840 FR



Lumen Maintenance Diagram - TForce Core LED HPL 13W E27 840 FR

