



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

### Product data

General information	
Cap base	E27 [ E27]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	25000 h
Switching cycle	15,000X
Technical type	13-50W
	Sphere

Light technical	
Colour Code	840 [ CCT of 4,000 K]
Beam Angle (Nom)	300 °
Luminous flux (nom.)	2000 lm
Luminous flux (rated) (nom.)	2000 lm

Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	153.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	0.7 %

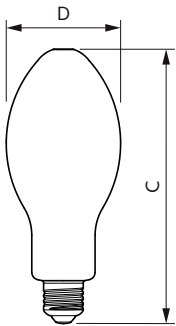
Operating and electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	13 W
Lamp current (nom.)	130 mA
Wattage equivalent	50 W
Starting time (nom.)	0.5 s

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Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.5
Voltage (Nom)	220-240 V
<b>Temperature</b>	
T-Case maximum (nom.)	62 °C
<b>Controls and dimming</b>	
Dimmable	No
<b>Mechanical and housing</b>	
Lamp Finish	Frosted
Bulb shape	ED75 [ ED 75mm]
<b>Approval and application</b>	
Energy Efficiency Class	D

Energy consumption kWh/1,000 hours	13 kWh
	403619
<b>Product data</b>	
Full product code	871869975027500
Order product name	TForce Core LED HPL 13W E27 840 FR
EAN/UPC – product	8718699750275
Order code	75027500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002349802
Copy Net Weight (Piece)	0.130 kg

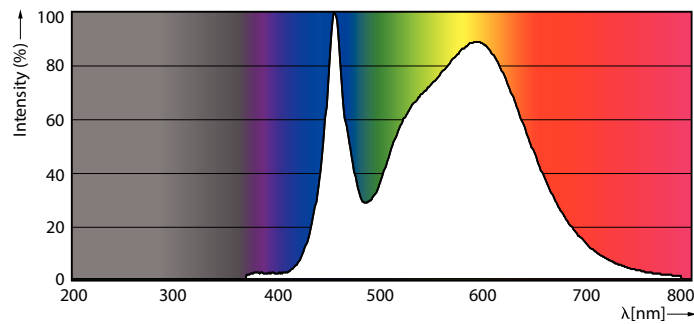
## Dimensional drawing



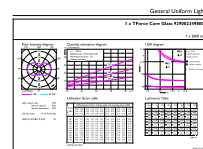
TForce Core LED HPL 13W E27 840 FR

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

## Photometric data



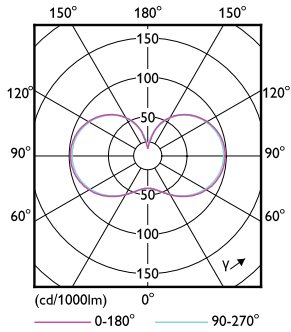
LEDTForce 13W ED75 E27 840



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## Photometric data



LEDTForce ED75 E27

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

