



# Trueforce CorePro LED HPL

## TForce Core LED HPL 36W 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		Color Designation	
Cap-Base	E27 [ E27]	Color Designation	Cool White (CW)
CE mark	Yes	Correlated Color Temperature (Nom)	4000 K
EU RoHS compliant	Yes	Luminous Efficacy (rated) (Nom)	166 lm/W
Nominal Lifetime (Nom)	25000 h	Color Consistency	<6
Switching Cycle	15000	Color Rendering Index (Nom)	80
Flux measurement reference	Sphere	LLMF At End Of Nominal Lifetime (Nom)	70 %
Tier	CorePro	<b>Operating and electrical</b>	
<b>Light technical</b>		Input Frequency	50 to 60 Hz
Color Code	840 [ CCT of 4000K]	Power (Nom)	36 W
Beam Angle (Nom)	300 °	Lamp Current (Nom)	165 mA
Luminous Flux (Nom)	6000 lm	Wattage Equivalent	200 W
		Starting Time (Nom)	0.5 s

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Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V

## Temperature

T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Case Maximum (Nom)	59 °C

## Controls and dimming

Dimmable	No
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## Mechanical and housing

Bulb Finish	Frosted
Bulb Shape	ED90 [ ED 90mm]

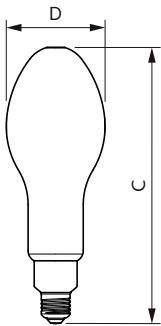
## Approval and application

Energy Efficiency Class	C
Energy Consumption kWh/1000 h	36 kWh
EPREL Registration Number	403655

## Product data

Full product code	871951429929000
Order product name	TForce Core LED HPL 36W E27 840 FR
EAN/UPC - Product	8719514299290
Order code	929002481302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002481302
Net Weight (Piece)	0.204 kg

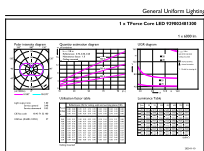
## Dimensional drawing



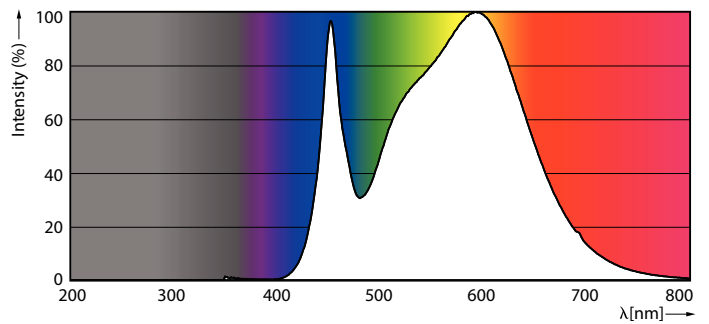
TForce Core LED HPL 36W E27 840 FR

Product	D	C
TForce Core LED HPL 36W E27 840 FR	90 mm	245 mm

## Photometric data



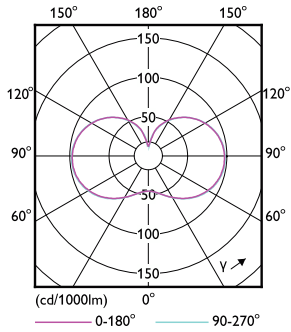
LEDForce 36W ED90 E27 840



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# Trueforce CorePro LED HPL

## Photometric data



LEDTForce 36W ED90 E27

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

