



# Corepro - LED HID 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		Luminous Efficacy (rated) (Nom)	
Cap-Base	E27 [E27]		166 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)	70 %
Flux measurement reference	Sphere	<b>Operating and Electrical</b>	
<b>Light Technical</b>		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	36 W
Luminous Flux	6,000 lumen	Lamp Current (Nom)	165 mA
Color Designation	Cool White (CW)	Wattage Equivalent	200 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)	0.9
Voltage (Nom)	220-240 V

## Temperature

Ambient temperature range	-20 °C to 45 °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

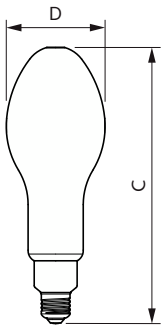
Energy Consumption kWh/1000 h	36 kWh
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EPREL Registration Number	403,655
CE mark	Yes
EU RoHS compliant	Yes

## Product Data

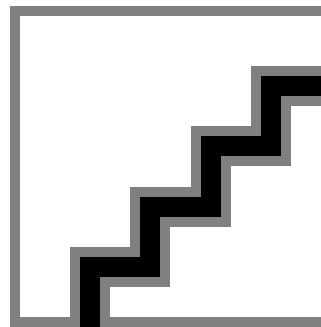
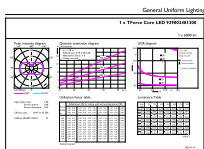
Full product code	871951429929000
Order product name	TForce Core LED HPL 36W E27 840 FR
Order code	929002481302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002481302
Full product name	TForce Core LED HPL 36W E27 840 FR
EAN/UPC - Case	8719514299306

## Dimensional drawing



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

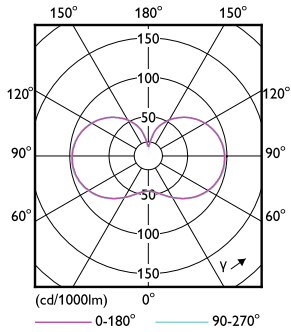
## Photometric data



Spectral Power Distribution Colour - TForce Core LED HPL 36W E27 840 FR

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## Photometric data



Light Distribution Diagram - TForce Core LED HPL 36W E27 840 FR

## Lifetime



Life Expectancy Diagram - TForce Core LED HPL 36W E27 840 FR



Lumen Maintenance Diagram - TForce Core LED HPL 36W E27 840 FR

