



# Corepro - LED HID HPL

## TForce Core LED HPL 36W E40 830 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	
Cap-Base	E40 [E40]
Nominal lifetime	25,000 hour(s)
Switching Cycle	15,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	5,500 lumen
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K

Luminous Efficacy (rated) (Nom)	152.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

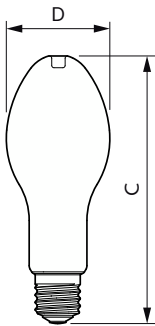
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	36 W
Lamp Current (Nom)	165 mA
Wattage Equivalent	200 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
<b>Temperature</b>	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	59 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Frosted
Bulb Shape	ED90 [ED 90mm]
<b>Approval and Application</b>	
Energy Consumption kWh/1000 h	36 kWh

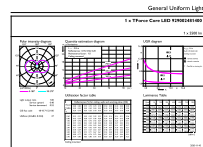
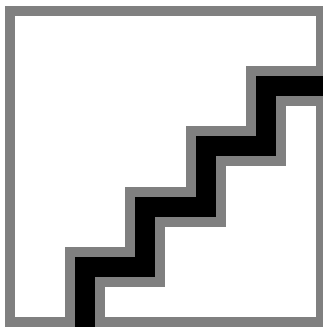
EPREL Registration Number	403,656
CE mark	Yes
EU RoHS compliant	Yes
<b>Product Data</b>	
Full product code	871951429931300
Order product name	TForce Core LED HPL 36W E40 830 FR
Order code	929002481402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002481402
Full product name	TForce Core LED HPL 36W E40 830 FR
EAN/UPC - Case	8719514299320

## Dimensional drawing



Product	D	C
TForce Core LED HPL 36W E40 830 FR	90 mm	230 mm

## Photometric data

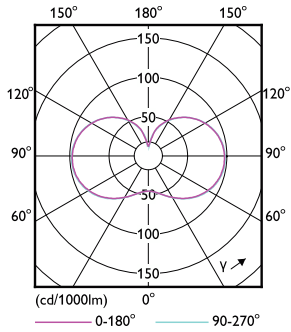


General Lighting LED  
 General Lighting LED  
 General Lighting LED

## Spectral Power Distribution Colour - TForce Core LED HPL 36W E40 830 FR

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## Photometric data



Light Distribution Diagram - TForce Core LED HPL 36W E40 830 FR

## Lifetime



Life Expectancy Diagram - TForce Core LED HPL 36W E40 830 FR



Lumen Maintenance Diagram - TForce Core LED HPL 36W E40 830 FR

