



Corepro - LED HID HPL

TForce Core LED HPL 36W E27 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

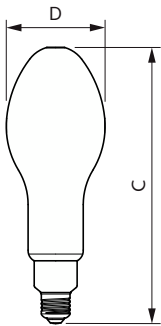
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	E27 [E27]		152.00 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	15,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
Flux measurement reference	Sphere	Operating and Electrical	
Light Technical		Line Frequency	50 to 60 Hz
Color Code	830 [CCT of 3000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	300 degree(s)	Power Consumption	36 W
Luminous Flux	5,500 lumen	Lamp Current (Nom)	165 mA
Color Designation	White (WH)	Wattage Equivalent	200 W
Correlated Color Temperature (Nom)	3000 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
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	ED90 [ED 90mm]
Approval and Application	
Energy Consumption kWh/1000 h	36 kWh

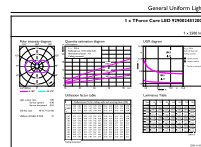
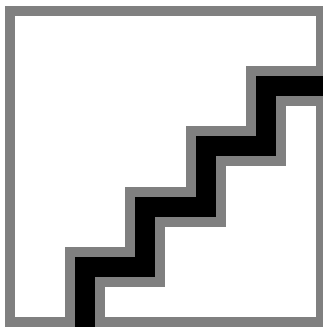
EPREL Registration Number	403,654
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871951429927600
Order product name	TForce Core LED HPL 36W E27 830 FR
Order code	929002481202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002481202
Full product name	TForce Core LED HPL 36W E27 830 FR
EAN/UPC - Case	8719514299283

Dimensional drawing



Product	D	C
TForce Core LED HPL 36W E27 830 FR	90 mm	245 mm

Photometric data

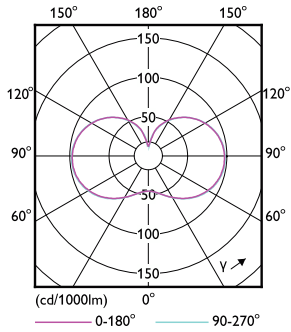


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Spectral Power Distribution Colour - TForce Core LED HPL 36W E27 830 FR

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Photometric data



Light Distribution Diagram - TForce Core LED HPL 36W E27 830 FR

Lifetime



Life Expectancy Diagram - TForce Core LED HPL 36W E27 830 FR



Lumen Maintenance Diagram - TForce Core LED HPL 36W E27 830 FR

