



Corepro - LED HID HPL

TForce Core LED HPL 18W 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]		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)	0.7 %
Flux measurement reference	Sphere		
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	300 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	3,000 lumen	Power Consumption	18 W
Color Designation	White (WH)	Lamp Current (Nom)	170 mA
Correlated Color Temperature (Nom)	3000 K	Wattage Equivalent	80 W
		Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50.4 °C

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	ED75 [ED 75mm]

Approval and Application

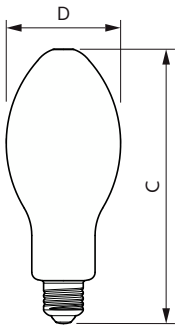
Energy Consumption kWh/1000 h	18 kWh
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EPREL Registration Number	403.620
CE mark	Yes
EU RoHS compliant	Yes

Product Data

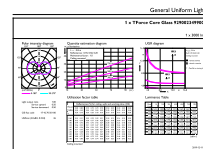
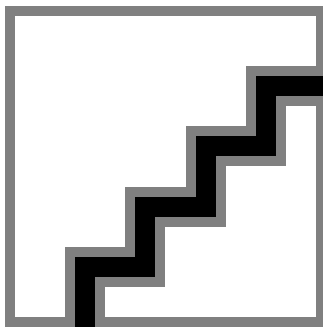
Full product code	871869975029900
Order product name	TForce Core LED HPL 18W E27 830 FR
Order code	929002349902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002349902
Full product name	TForce Core LED HPL 18W E27 830 FR
EAN/UPC - Case	8718699750305

Dimensional drawing



Product	D	C
TForce Core LED HPL 18W E27 830 FR	75 mm	180 mm

Photometric data

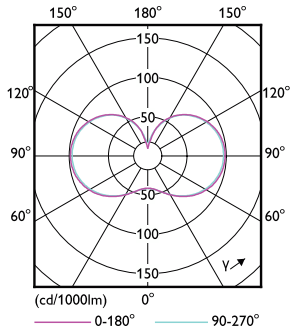


General Uniform Light
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Spectral Power Distribution Colour - TForce Core LED HPL 18W E27 830 FR

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Photometric data



Light Distribution Diagram - TForce Core LED HPL 18W E27 830 FR

Lifetime



Life Expectancy Diagram - TForce Core LED HPL 18W E27 830 FR



Lumen Maintenance Diagram - TForce Core LED HPL 18W E27 830 FR

