



# Trueforce CorePro LED 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

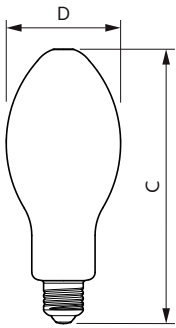
General information		Colour Designation	
Cap-Base	E27 [ E27]	Colour Designation	White (WH)
EU RoHS compliant	Yes	Colour Temperature, horizontal (Nom)	3000 K
Nominal Lifetime (Nom)	25000 h	Luminous Efficacy (rated) (Nom)	166 lm/W
Switching Cycle	15000	Color Consistency	<6
Technical Type	18-80W	Colour Rendering Index horiz (Nom)	80
Flux measurement reference	Sphere	LLMF At End Of Nominal Lifetime (Nom)	0.7 %
Light technical		Operating and electrical	
Colour Code	830 [ CCT of 3000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	300 °	Power (Rated) (Nom)	18 W
Luminous Flux (Nom)	3000 lm	Lamp Current (Nom)	170 mA
Luminous Flux (Rated) (Nom)	3000 lm	Wattage Equivalent	80 W
		Starting Time (Nom)	0.5 s

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Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.5
Voltage (Nom)	220-240 V
<b>Temperature</b>	
T-Case Maximum (Nom)	70 °C
<b>Controls and dimming</b>	
Dimmable	No
<b>Mechanical and housing</b>	
Bulb Finish	Frosted
Bulb Shape	ED75 [ ED 75mm]
<b>Approval and application</b>	
Energy Efficiency Class	C

Energy Consumption kWh/1000 h	18 kWh
EPREL Registration Number	403620
<b>Product data</b>	
Full product code	871869975029900
Order product name	TForce Core LED HPL 18W E27 830 FR
EAN/UPC - Product	8718699750299
Order code	75029900
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002349902
Net Weight (Piece)	0.130 kg

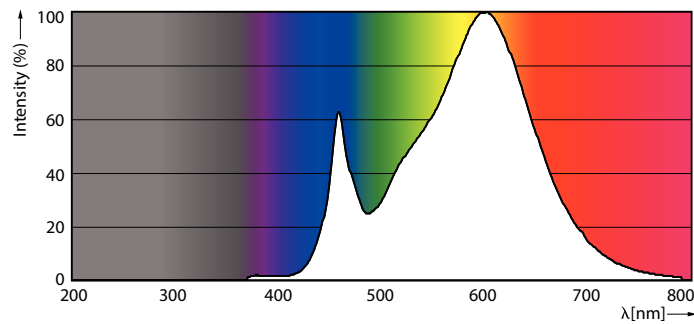
## Dimensional drawing



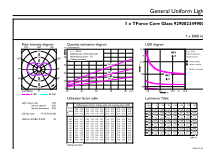
TForce Core LED HPL 18W E27 830 FR

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

## Photometric data



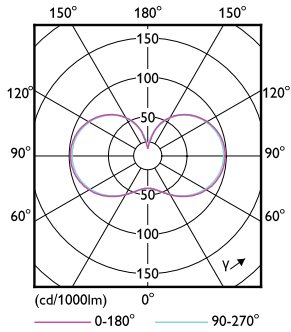
LEDTForce 18W ED75 E27 830



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## Photometric data



LEDTForce ED75 E27

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

