



# 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 must always be performed by a qualified electrician or installer. Use the installation guide for instructions.

### Product data

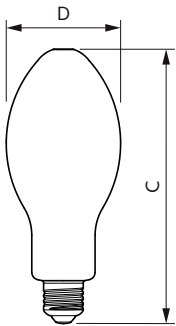
General information		Colour designation	
Cap base	E27 [ E27]	Colour designation	White (WH)
EU RoHS compliant	Yes	Correlated Colour Temperature (Nom)	3000 K
Nominal lifetime (nom.)	25000 h	Luminous efficacy (rated) (nom.)	166 lm/W
Switching cycle	15,000X	Colour consistency	<6
Technical type	18-80W	Colour rendering index (nom.)	80
	Sphere	LLMF at end of nominal lifetime (nom.)	0.7 %
Light technical		Operating and electrical	
Colour Code	830 [ CCT of 3,000 K]	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

# Trueforce CorePro LED HPL

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>	
Lamp Finish	Frosted
Bulb shape	ED75 [ ED 75mm]
<b>Approval and application</b>	
Energy Efficiency Class	C

Energy consumption kWh/1,000 hours	18 kWh
	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
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002349902
Copy Net Weight (Piece)	0.130 kg

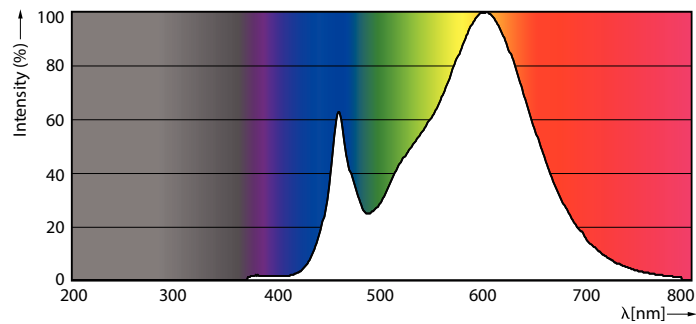
## Dimensional drawing



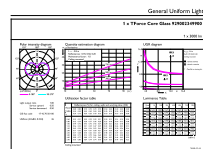
TForce Core LED HPL 18W E27 830 FR

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

## Photometric data



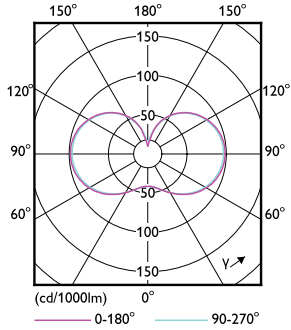
LEDTForce 18W ED75 E27 830



LEDTForce 18W ED75 E27 830

# Trueforce CorePro LED HPL

## Photometric data

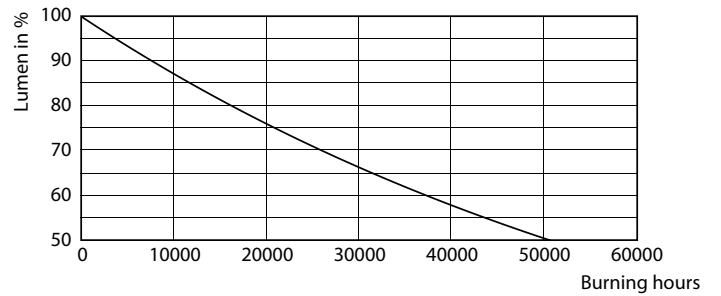


LEDTForce ED75 E27

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

