



# 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		Luminous flux (rated) (nom.)	
Cap base	E27 [ E27]		3000 lm
CE mark	Yes	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	15000	Colour consistency	<6
	Sphere	Colour rendering index (nom.)	80
Tier	CorePro	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
		Wattage equivalent	80 W

# Trueforce CorePro LED HPL

Starting time (nom.)	0.5 s
Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.5
Voltage (Nom)	220-240 V

## Temperature

T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-Case maximum (nom.)	50.4 °C

## Controls and dimming

Dimmable	No
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## Mechanical and housing

Lamp Finish	Frosted
Bulb shape	ED75 [ ED 75mm]

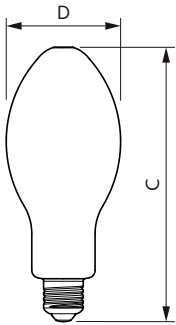
## Approval and application

Energy Efficiency Class	C
Energy consumption kWh/1,000 hours	18 kWh
	403620

## Product data

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
Net Weight (Piece)	0.130 kg

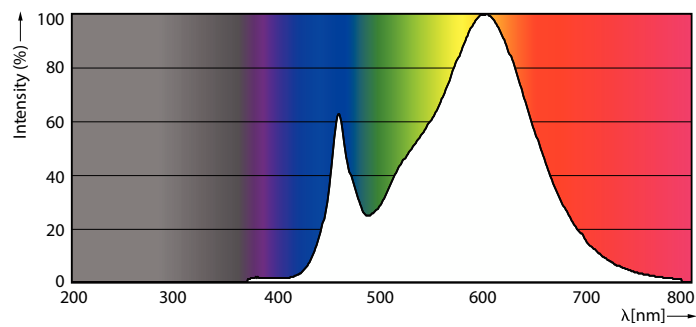
## Dimensional drawing



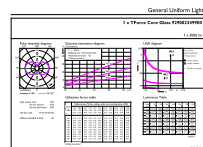
TForce Core LED HPL 18W E27 830 FR

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

## Photometric data



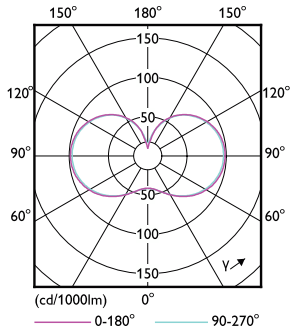
LEDTForce 18W ED75 E27 830



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## Photometric data



LEDTForce ED75 E27

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

