



# Trueforce CorePro LED HPL

## TForce Core LED HPL 18W E27 830 FR

The new Philips Trueforce Core LED HPL lamps offer you an easy, short-payback LED solution to replace High Intensity Discharge (HID) lamps. This new generation of products brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while providing instant saving with a low initial investment. Furthermore, they're designed to have the same lamp size and light distribution as other HID lamps, so you will never know the difference. All thanks to our High-Power LED filament technology. Plus, its unique IP65 design means that it can be used for outdoor use as well as indoor use.

### Product data

General Information		Colour rendering index (nom.)	80
Cap base	E27 [ E27]	LLMF at end of nominal lifetime (nom.)	0.7 %
EU RoHS compliant	Yes		
Nominal lifetime (nom.)	25000 h		
Switching cycle	15,000X		
Technical type	18-80W		
	Sphere		
Light Technical			
Colour Code	830 [ CCT of 3,000 K]		
Beam Angle (Nom)	300 °		
Luminous flux (nom.)	3000 lm		
Luminous flux (rated) (nom.)	3000 lm		
Colour designation	White (WH)		
Correlated Colour Temperature (Nom)	3000 K		
Luminous efficacy (rated) (nom.)	166.00 lm/W		
Colour consistency	<6		
Operating and Electrical			
Input frequency	50 to 60 Hz		
Power (Rated) (Nom)	18 W		
Lamp current (nom.)	170 mA		
Wattage equivalent	80 W		
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-Case maximum (nom.)	70 °C		

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Lamp Finish	Frosted
Bulb shape	ED75 [ ED 75mm]

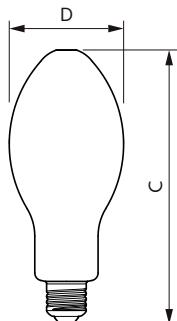
## Approval and Application

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
SAP net weight (piece)	0.130 kg

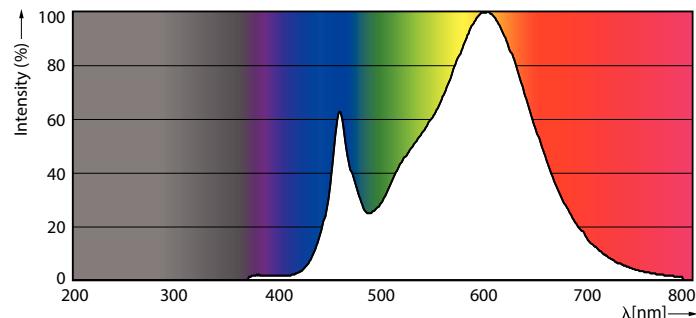
## Dimensional drawing



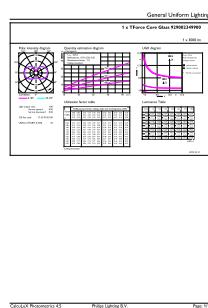
TForce 20W 3000lm 3000K E27 ND

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

## Photometric data



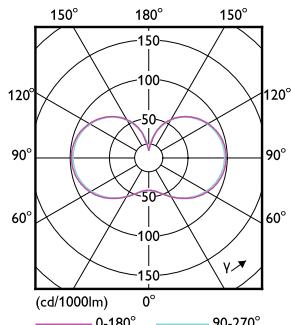
LEDTForce 18W ED75 E27 830



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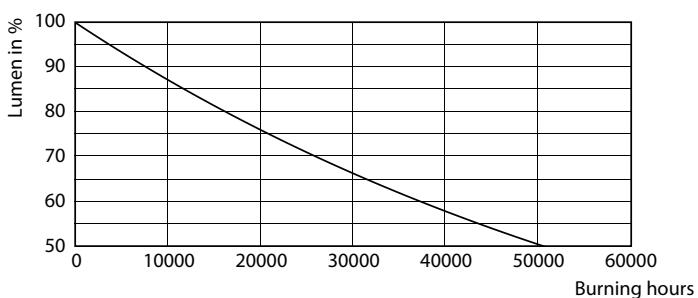
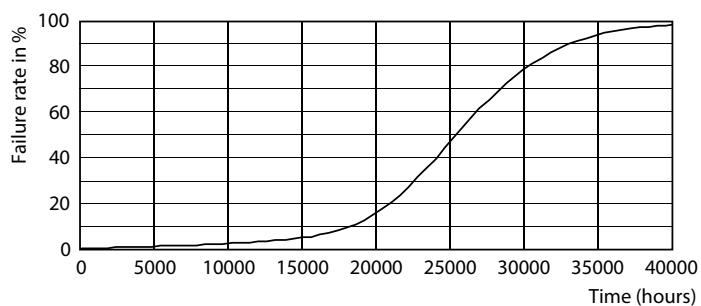
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### Photometric data



LEDTForce ED75 E27

### Lifetime



LEDspots LED 25K

LEDspots LMP 25K

