



# Trueforce CorePro LED HPL

## TForce Core LED HPL 18W E27 840 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 Flux (Rated) (Nom)	
Cap-Base	E27 [ E27]		3000 lm
CE mark	Yes	Color Designation	Cool White (CW)
EU RoHS compliant	Yes	Correlated Color Temperature (Nom)	4000 K
Nominal Lifetime (Nom)	25000 h	Luminous Efficacy (rated) (Nom)	166 lm/W
Switching Cycle	15000	Color Consistency	<6
Flux measurement reference	Sphere	Color Rendering Index (Nom)	80
Tier	CorePro	LLMF At End Of Nominal Lifetime (Nom)	0.7 %
Light technical		Operating and electrical	
Color Code	840 [ CCT of 4000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	300 °	Power (Nom)	18 W
Luminous Flux (Nom)	3000 lm	Lamp Current (Nom)	170 mA
		Wattage Equivalent	80 W

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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

Bulb Finish	Frosted
Bulb Shape	ED75 [ ED 75mm]

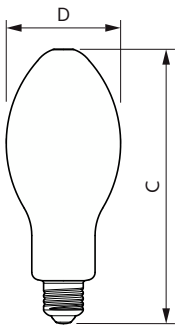
## Approval and application

Energy Efficiency Class	C
Energy Consumption kWh/1000 h	18 kWh
EPREL Registration Number	403621

## Product data

Full product code	871869975031200
Order product name	TForce Core LED HPL 18W E27 840 FR
EAN/UPC - Product	8718699750312
Order code	929002350002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002350002
Net Weight (Piece)	0.130 kg

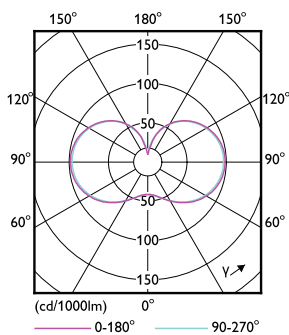
## Dimensional drawing



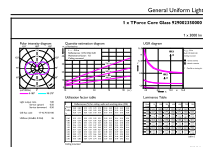
TForce Core LED HPL 18W E27 840 FR

Product	D	C
TForce Core LED HPL 18W E27 840 FR	75 mm	180 mm

## Photometric data



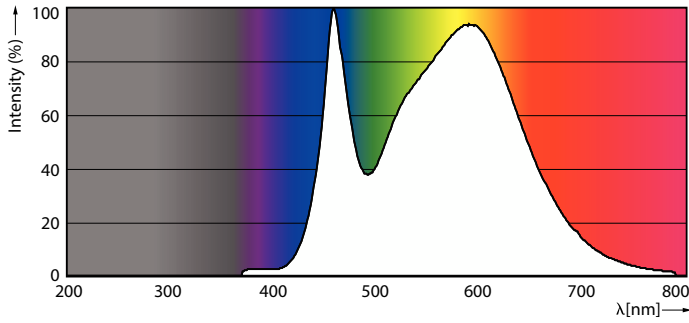
LEDTForce ED75 E27



LEDTForce 18W ED75 E27 840

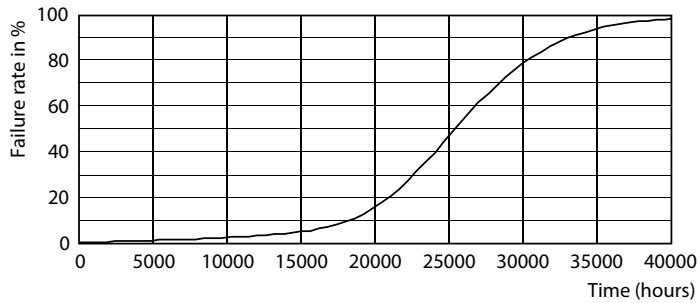
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## Photometric data

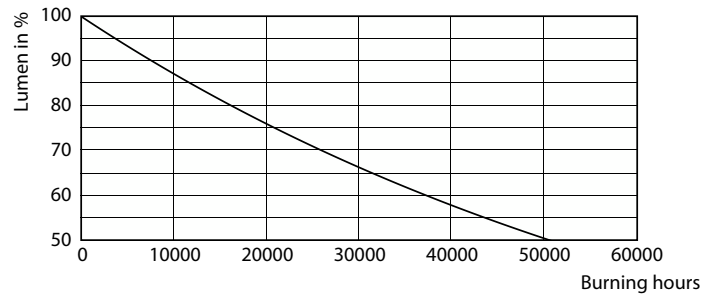


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## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

