

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 it can be used for outdoor applications as well as indoors.

Product data

General Information	
Cap-Base	E27 [E27]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	15000X
Technical Type	18-80W

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	300 °
Luminous Flux (Nom)	3000 lm
Luminous Flux (Rated) (Nom)	3000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	166.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80

LLMF At End Of Nominal Lifetime (Nom)	0.7 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (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

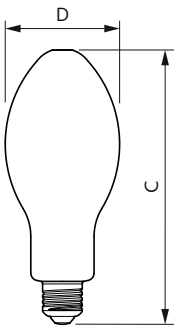
Mechanical and Housing	
Bulb Finish	Frosted

Approval and Application	
Energy Efficiency Label (EEL)	A++
Energy Consumption kWh/1000 h	18 kWh

Product Data	
Full product code	871869975029900

Order product name	TForce Core LED HPL 18W E27 830 FR
EAN/UPC - Product	8718699750299
Order code	929002349902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002349902
Net Weight (Piece)	0.130 kg

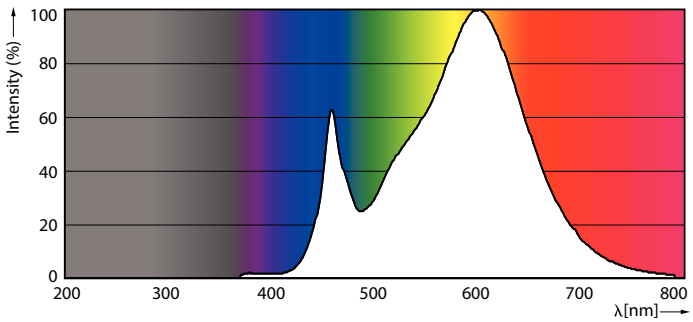
Dimensional drawing



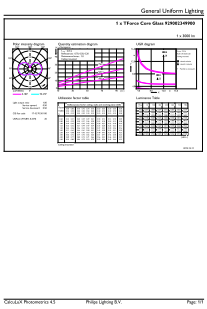
TForce 20W 3000lm 3000K E27 ND

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

Photometric data



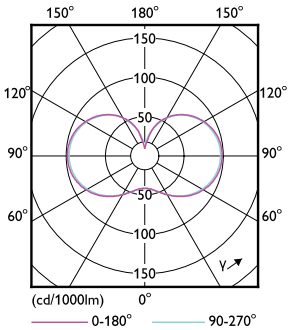
LEDTForce 18W ED75 E27 830



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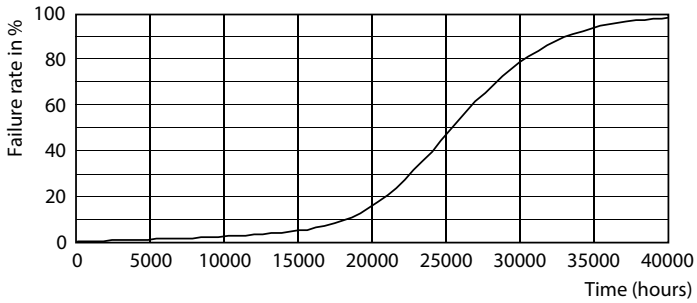
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Photometric data

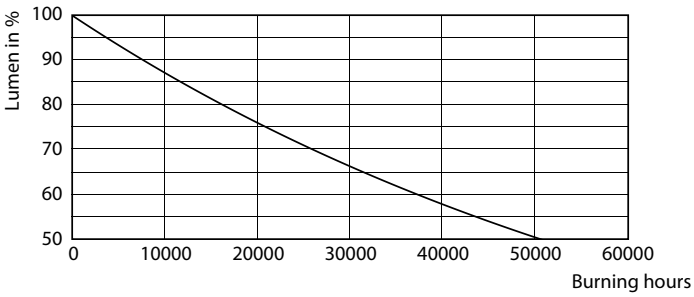


LEDTForce ED75 E27

Lifetime



LEDspots LED 25K



LEDspots LMP 25K

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