



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

Product data

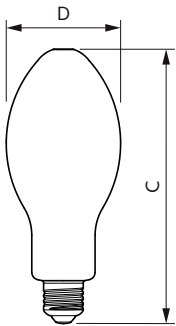
General Information		Colour designation	
Cap base	E27 [E27]	Colour designation	Cool White (CW)
EU RoHS compliant	Yes	Correlated Colour Temperature (Nom)	4000 K
Nominal lifetime (nom.)	25000 h	Luminous efficacy (rated) (nom.)	166.00 lm/W
Switching cycle	15,000X	Colour consistency	<6
Technical type	18-80W	Colour rendering index (nom.)	80
	Sphere	LLMF at end of nominal lifetime (nom.)	0.7 %
Light Technical		Operating and Electrical	
Colour Code	840 [CCT of 4,000 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

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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
Controls and Dimming	
Dimmable	No
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
	403621
Product Data	
Full product code	871869975031200
Order product name	TForce Core LED HPL 18W E27 840 FR
EAN/UPC – product	8718699750312
Order code	75031200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002350002
SAP net weight (piece)	0.130 kg

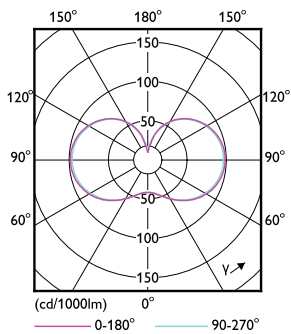
Dimensional drawing



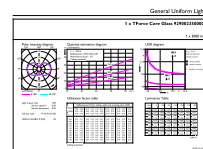
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Product	D	C
TForce Core LED HPL 18W E27 840 FR	75 mm	180 mm

Photometric data



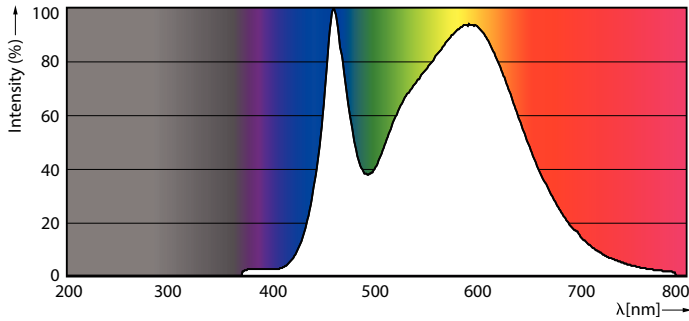
LEDTForce ED75 E27



LEDTForce 18W ED75 E27 840

Trueforce CorePro LED HPL

Photometric data



LEDForce 18W ED75 E27 840

Lifetime



LEDspots LED 25K



LEDspots LMP 25K

