



Corepro - LED HID 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	
Cap-Base	E27 [E27]
Nominal lifetime	25,000 hour(s)
Switching Cycle	15,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	3,000 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	166 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	0.7 %

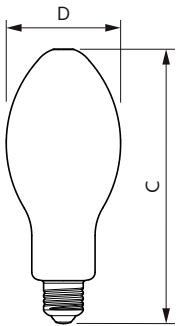
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	18 W
Lamp Current (Nom)	170 mA
Wattage Equivalent	80 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	50.4 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	ED75 [ED 75mm]
Approval and Application	
Energy Consumption kWh/1000 h	18 kWh

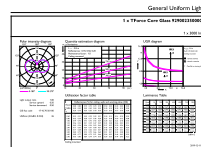
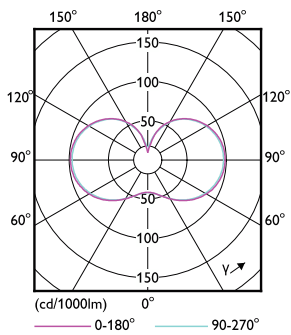
EPREL Registration Number	403.621
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871869975031200
Order product name	TForce Core LED HPL 18W E27 840 FR
Order code	929002350002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002350002
Full product name	TForce Core LED HPL 18W E27 840 FR
EAN/UPC - Case	8718699750329

Dimensional drawing



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

Photometric data



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Light Distribution Diagram - TForce Core LED HPL 18W E27 840 FR

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Photometric data



Spectral Power Distribution Colour - TForce Core LED HPL 18W E27 840 FR

Lifetime



Life Expectancy Diagram - TForce Core LED HPL 18W E27 840 FR



Lumen Maintenance Diagram - TForce Core LED HPL 18W E27 840 FR

