



Corepro - LED HID HPL



TForce Core LED HPL 26W E27 830 FR

CorePro, LED HPL, ED90, Mains only, 26 W, HPL 125W, SON 70W, E27, 3000 K, 4000 lm, CRI 80, 25000 hour(s)

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
Nominal lifetime	25,000 hour(s)
Switching Cycle	15,000
Lighting Technology	LED HPL
Flux measurement reference	Sphere
Warranty period	5 years

Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	4,000 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	153 lm/W
Color Consistency	<6
Color rendering index (CRI)	80

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LLMF At End Of Nominal Lifetime (Nom)	0.7 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	26 W
Lamp Current (Nom)	145 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V
Inrush current at mains	29
Max. lamp no. on MCB B type 10A - Mains	6
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A - Mains	9
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Wattage Equivalent (LED HID only)	HPL 125W, SON 70W
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	54 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
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Bulb Shape	ED90
Net Weight (Piece)	0.210 kg

Approval and Application

Energy Efficiency Class	D
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	26 kWh
EPREL Registration Number	403622
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Ambient temperature range	-30 to +45 °C

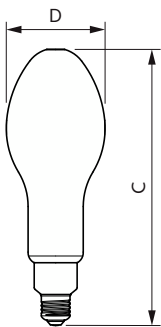
Application Conditions

Wireless Technology	Not applicable
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Product Data

Order product name	TForce Core LED HPL 26W E27 830 FR
Full product name	TForce Core LED HPL 26W E27 830 FR
Full product code	871869975033600
Order code	929002350102
Material Nr. (12NC)	929002350102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699750336
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699750343

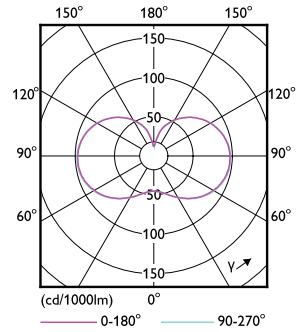
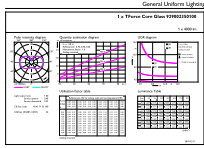
Dimensional drawing



Product	D	C
TForce Core LED HPL 26W E27 830 FR	90 mm	245 mm

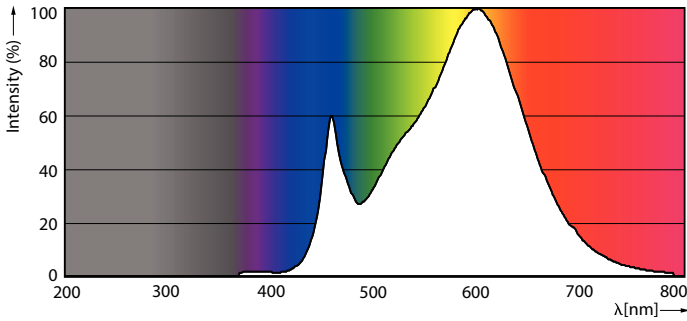
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Photometric data



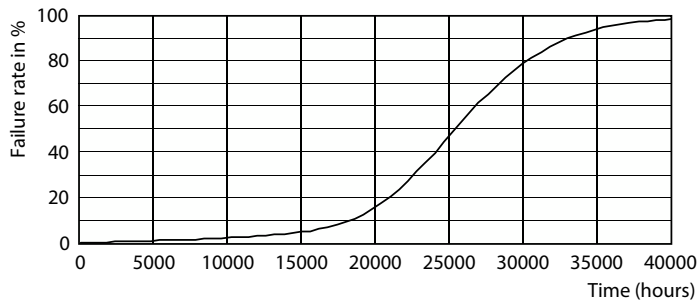
General uniform lighting - TForce Core LED HPL 26W E27 830 FR

Light Distribution Diagram - TForce Core LED HPL 26W E27 830 FR



Spectral Power Distribution Colour - TForce Core LED HPL 26W E27 830 FR

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED HPL 26W E27 830 FR

