Corepro - LED HID HPL

TForce Core LED HPL 26W E27 830 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
Nominal lifetime	25,000 hour(s)
Switching Cycle	15,000
Lighting Technology	LED
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes

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
LLMF At End Of Nominal Lifetime (Nom)	0.7 %
Flickering value (PstLM) - Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	1.6
Photobiological safety according to EN 62471	RG1

Operating and Electrical	
Line Frequency	50 to 60 Hz

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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 Comp. Cap.	-
Max. lamp no. on MCB B type 10A – EM ballast with Comp. Cap.	-
Max. lamp no. on MCB B type 16A - Mains	9
Max. lamp no. on MCB B type 16A – EM ballast without Comp. Cap.	-
Max. lamp no. on MCB B type 16A – EM ballast with Comp. Cap.	-
Ballast Compatibility	Mains

Temperature

Ambient temperature range	-30 to +45 °C
T-Case Maximum (Nom)	54 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	ED90

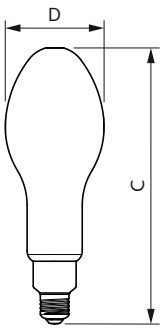
Approval and Application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	26 kWh
EPREL Registration Number	403622

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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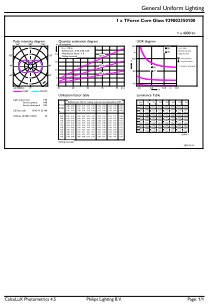
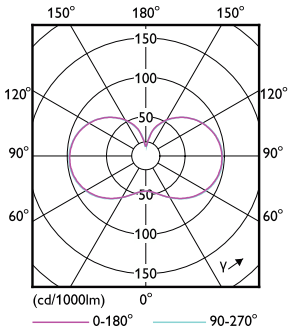
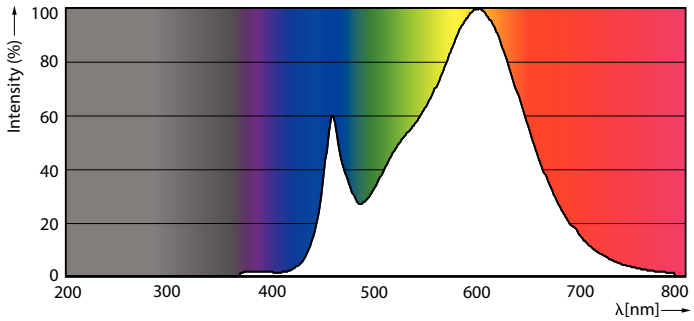
Photometric data



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

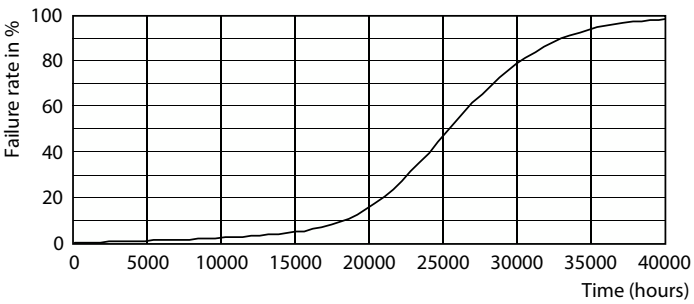


Light Distribution Diagram - TForce Core LED HPL 26W E27 830 FR

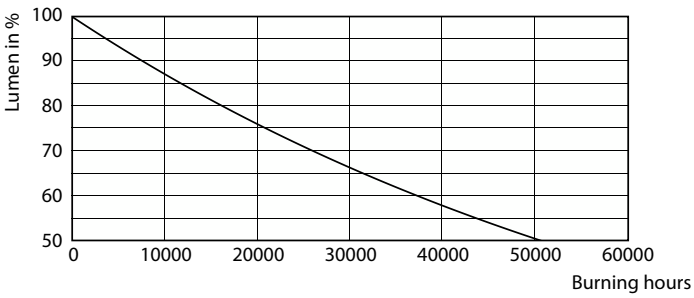


Spectral Power Distribution Colour - TForce Core LED HPL 26W E27 830 FR

Lifetime



Life Expectancy Diagram - TForce Core LED HPL 26W E27 830 FR



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

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www.lighting.philips.com
2024, March 19 - data subject to change