



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

### Product data

General Information		Luminous efficacy (rated) (nom.)	
Cap base	E27		153 lm/W
Nominal lifetime	25,000 h	Colour consistency	<6
Switching Cycle	15,000	Colour rendering index (CRI)	80
Lighting Technology	LED	LLMF at end of nominal lifetime (nom.)	0.7 %
Flux measurement reference	Sphere	Photobiological safety according to EN 62471	RG1
Light Technical		Operating and Electrical	
Colour Code	830 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam angle (nom.)	300 degree(s)	Input frequency	50 to 60 Hz
Luminous Flux	4,000 lm	Power Consumption	26 W
Colour designation	White (WH)	Lamp current (nom.)	145 mA
Correlated Colour Temperature (Nom)	3000 K	Starting time (nom.)	0.5 s
		Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.9
Voltage (nom.)	220-240 V
Ballast Compatibility	Mains
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.	-

## Temperature

T-Case maximum (nom.)	54 °C
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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Lamp Finish	Frosted
Bulb shape	ED90
Net Weight (Piece)	0.210 kg

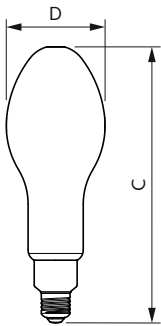
## Approval and Application

Energy Efficiency Class	D
Energy consumption kWh/1,000 hours	26 kWh
EPREL Registration Number	403622
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	1.6
Ambient temperature range	-30 to +45 °C

## 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 EOC	871869975033600
Order code	75033600
Material no. (12 NC)	929002350102
Numerator – quantity per pack	1
EAN/UPC – Product/Case	8718699750336
Numerator – packs per outer box	6
EAN/UPC - Case	8718699750343

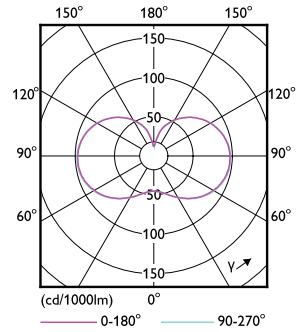
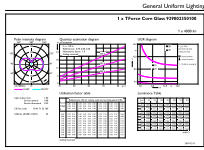
## Dimensional drawing



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

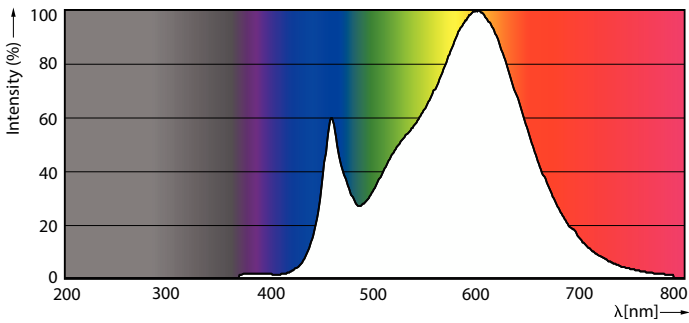
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## Photometric data



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

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