



Corepro - LED HID HPL



TForce Core LED HPL 26W 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		Luminous Efficacy (rated) (Nom)	
Cap-Base	E27		153 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	15,000	Color 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	
Color Code	840 [CCT of 4000K]	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
Color Designation	Cool White (CW)	Lamp Current (Nom)	145 mA
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
		Warm-up time to 60% light	0.5 s

Corepro - LED HID HPL

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
----------------------	-------

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

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

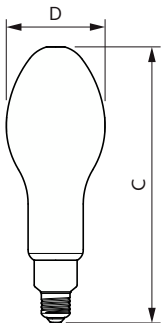
Approval and Application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	26 kWh
EPREL Registration Number	403623
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

Product Data

Order product name	TForce Core LED HPL 26W E27 840 FR
Full product name	TForce Core LED HPL 26W E27 840 FR
Full product code	871869975035000
Order code	929002350202
Material Nr. (12NC)	929002350202
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699750350
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699750367

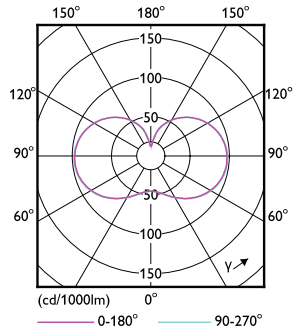
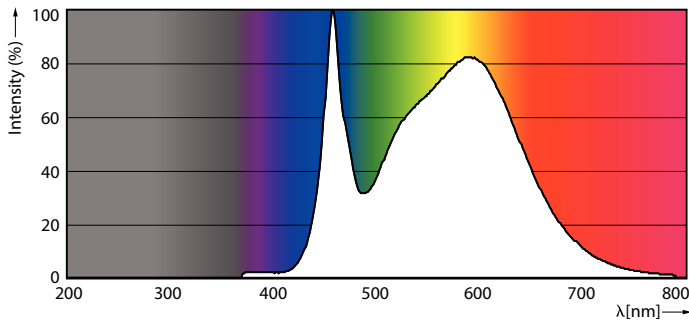
Dimensional drawing



Product	D	C
TForce Core LED HPL 26W E27 840 FR	90 mm	245 mm

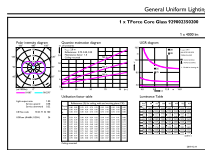
Corepro - LED HID HPL

Photometric data



Spectral Power Distribution Colour - TForce Core LED HPL 26W E27 840 FR

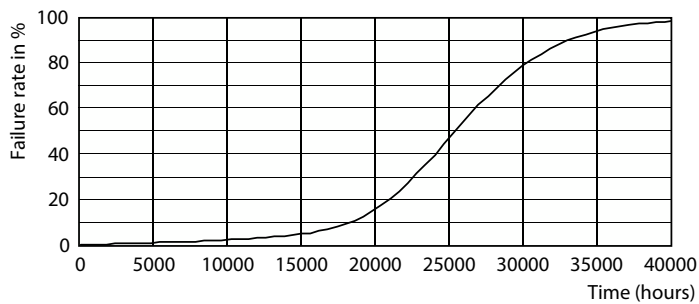
Light Distribution Diagram - TForce Core LED HPL 26W E27 840 FR



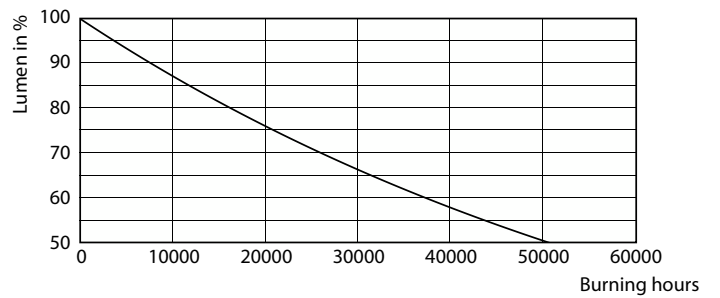
General Information 11 | Photometry 11 | Page 11

General uniform lighting - TForce Core LED HPL 26W E27 840 FR

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED HPL 26W E27 840 FR

Corepro - LED HID HPL

