



# Trueforce CorePro LED HPL

## TForce Core LED HPL 24.5W E27 840 FR

LED HPL, Oval, Mains only, 24.5 W, HPL 125W, SON 70W, E27, 4000 K, 4000 lm, CRI 80, 25000 h

LED HPL, Oval, Mains only, 24.5 W, LED alternative to HPL 125W, SON 70W, E27, 4000 K, 4000 lm, CRI 80, 25000 h, 163 lm/W, EEL C, PF 0.5, Glass, RG0, IP65, SVM 1.6, PstLM 1

### Warnings and Safety

• Installation must always be performed by a qualified electrician or installer. Use the installation guide for instructions.

### Product data

General Information		Colour consistency	
Cap base	E27	Colour consistency	<6
Nominal lifetime	25,000 h	Colour rendering index (CRI)	80
Switching Cycle	50,000	LLMF at end of nominal lifetime (nom.)	70 %
Lighting Technology	LED HPL	Photobiological safety according to EN 62471	RG0
Flux measurement reference	Sphere	Operating and Electrical	
Warranty period	3 years	Input frequency	50 to 60 Hz
Light Technical		Power Consumption	24.5 W
Colour Code	840 [CCT of 4000K]	Lamp current (nom.)	175 mA
Beam angle (nom.)	300 degree(s)	Starting time (nom.)	0.5 s
Luminous Flux	4,000 lm	Warm-up time to 60% light	0.5 s
Colour designation	Cool White (CW)	Power Factor (Fraction)	0.5
Correlated Colour Temperature (Nom)	4000 K	Voltage (nom.)	220-240 V
Luminous efficacy (rated) (nom.)	163 lm/W	Inrush current at mains	10.6
		Max. lamp no. on MCB B type 10A — Mains	30

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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	49
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.)	44.6 °C
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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Lamp Finish	Frosted
Bulb material	Glass
Bulb shape	Oval
Net Weight (Piece)	0.140 kg

## Approval and Application

Energy Efficiency Class	C
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Energy-saving product	Yes
Energy consumption kWh/1,000 hours	25 kWh
EPREL Registration Number	1962815
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM)	1
Stroboscopic effect	1.6
Ambient temperature range	-30 to +45 °C

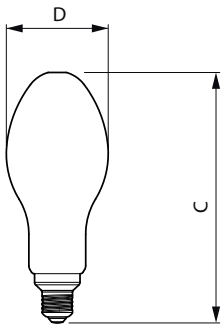
## Application Conditions

Wireless Technology	Not applicable
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## Product Data

Order product name	TForce Core LED HPL 24.5W E27 840 FR	
Full product name	TForce Core LED HPL 24.5W E27 840 FR	
Full EOC	872016933635300	
Order code	929003836602	
Material no. (12 NC)	929003836602	
Numerator – quantity per pack	1	
EAN/UPC – Product/Case	8720169336353	
Numerator – packs per outer box	6	
EAN/UPC – Case	8720169336360	

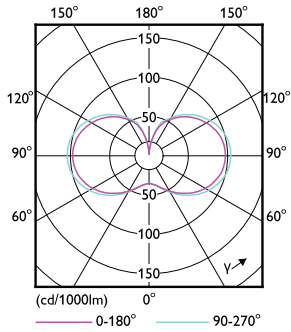
## Dimensional drawing



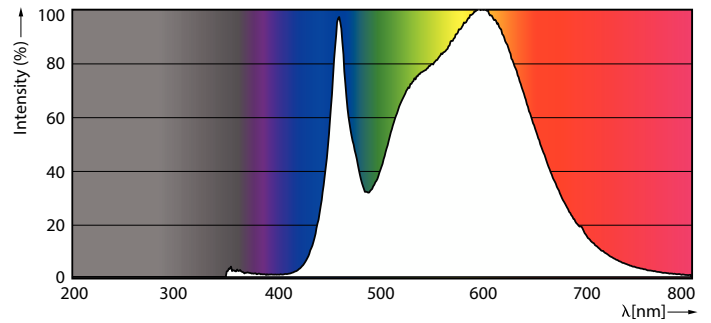
Product	D	C
TForce Core LED HPL 24.5W E27 840 FR	91.5 mm	218 mm

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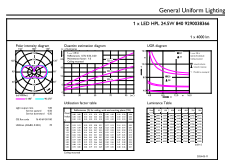
## Photometric data



Light Distribution Diagram - TForce Core LED HPL 24.5W E27 840 FR



Spectral Power Distribution Colour - TForce Core LED HPL 24.5W E27 840 FR

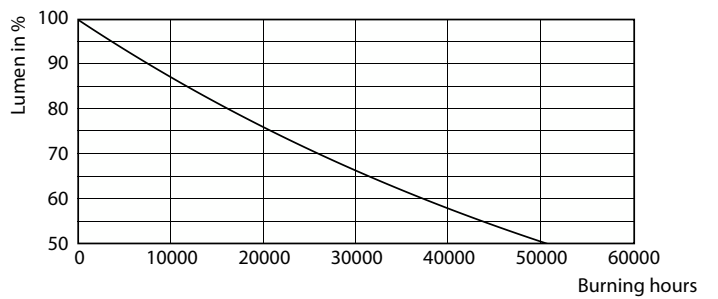


General uniform lighting - TForce Core LED HPL 24.5W E27 840 FR

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED HPL 24.5W E27 840 FR

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