



Corepro - LED HID HPL



TForce Core LED HPL 24.5W E27 827 FR

LED HPL, Oval, Mains only, 24.5 W, HPL 125W, SON 70W, E27, 2700 K, 3600 lm, CRI 80, 25000 hour(s)

LED HPL, Oval, Mains only, 24.5 W, LED alternative to HPL 125W, SON 70W, E27, 2700 K, 3600 lm, CRI 80, 25000 hour(s), 146 lm/W, EEL D, PF 0.5, Beam angle 300 degree(s), RG0, IP65, SVM 1.6, PstLM 1

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	50,000
Lighting Technology	LED HPL
Flux measurement reference	Sphere
Warranty period	3 years
Light Technical	
Color Code	827 [CCT of 2700K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	3,600 lm
Color Designation	Warm White (WW)
Correlated Color Temperature (Nom)	2700 K
Luminous Efficacy (rated) (Nom)	146 lm/W

Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	24.5 W
Lamp Current (Nom)	175 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
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

Bulb Finish	Frosted
Bulb Shape	Oval
Net Weight (Piece)	0.140 kg

Approval and Application

Energy Efficiency Class	D
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	25 kWh

EPREL Registration Number	1962814
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

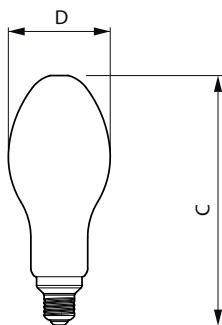
Application Conditions

can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

Product Data

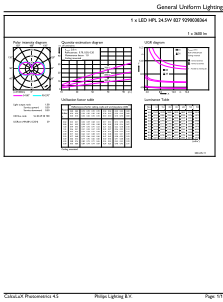
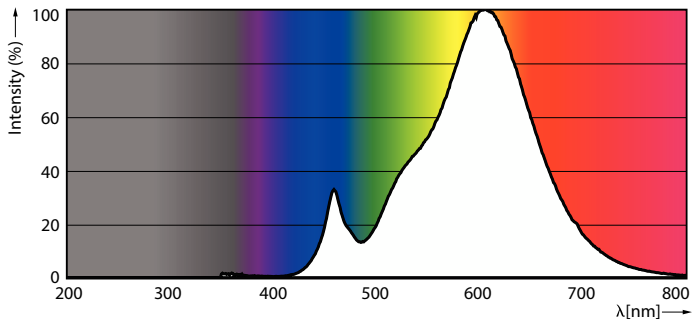
Order product name	TForce Core LED HPL 24.5W E27 827 FR
Full product name	TForce Core LED HPL 24.5W E27 827 FR
Full product code	872016933631500
Order code	929003836402
Material Nr. (12NC)	929003836402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169336315
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169336322

Dimensional drawing



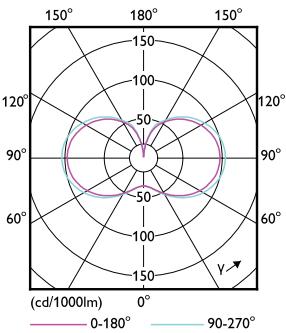
Product	D	C
TForce Core LED HPL 24.5W E27 827 FR	91.5 mm	218 mm

Photometric data



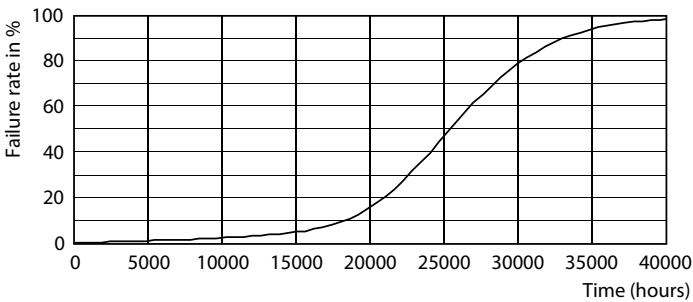
Spectral Power Distribution Colour - TForce Core LED HPL 24.5W E27 827 FR

General uniform lighting - TForce Core LED HPL 24.5W E27 827 FR

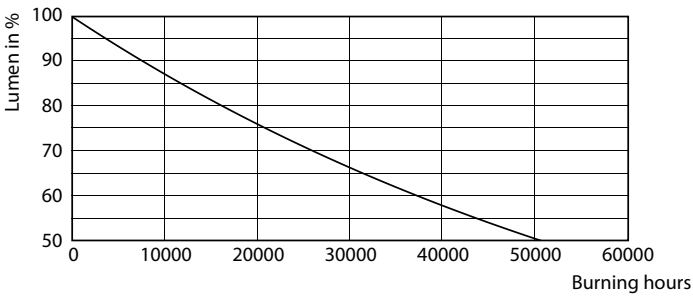


Light Distribution Diagram - TForce Core LED HPL 24.5W E27 827 FR

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core LED HPL 24.5W E27 827 FR

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