



The best LED solution for High Intensity Discharge (HID) lamp replacement

TrueForce Core LED Public (Urban/Road – HPL/SON)

Philips TrueForce Core LED urban lamps offer an easy and short payback LED solution to replace High Intensity Discharge (HID) lamps. The products bring the energy efficiency and long lifetime benefits of LED to HID replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce Core LED urban lamps and bypass the existing ballast while enhancing the lighting quality.

Benefits

- Cost saving with short payback time
- Low initial investment
- Enhance lighting quality with easy adoption

Features

- High energy efficiency
- Lifetime 25,000hrs
- Right lamp size and lighting distribution for direct retrofit
- Bypass ballast and save additional energy
- Pleasant white light with CRI 80

Application

- Public urban - streets, parks, squares
- Public road/area - streets, area

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Versions

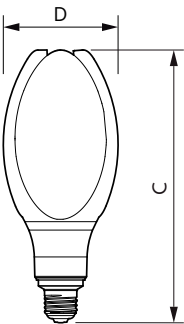


Trueforce E27 Others Frosted



Trueforce E27 Others Frosted

Dimensional drawing



Product	D	C
TForce Core LED PT 50-42W E27 830 FR	108 mm	265 mm
TForce Core LED PT 30-27W E27 840 FR	96 mm	228 mm
TForce Core LED PT 50-42W E27 840 FR	108 mm	265 mm
TForce Core LED PT 30-27W E27 830 FR	96 mm	228 mm

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Approval and Application

Energy Efficiency Label (EEL) A+

Controls and Dimming

Dimmable No

Operating and Electrical

Input Frequency 50 to 60 Hz

Voltage (Nom) 220-240 V

Starting Time (Nom) 0.3 s

General Information

Cap-Base E27

Nominal Lifetime (Nom) 25000 h

Rated Lifetime (Hours) 25000 h

Switching Cycle 50000X

Light Technical

Color Rendering Index (Nom) 80

Llmf At End Of Nominal Lifetime (Nom) 70 %

Mechanical and Housing

Bulb Finish Frosted

Bulb Shape Others

Temperature

T-Case Maximum (Nom) 70 °C

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001925002	TForce Core LED PT 50-42W E27 830 FR	42 kWh
929001925102	TForce Core LED PT 50-42W E27 840 FR	42 kWh
929001925302	TForce Core LED PT 30-27W E27 830 FR	27 kWh
929001925402	TForce Core LED PT 30-27W E27 840 FR	27 kWh

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001925002	TForce Core LED PT 50-42W E27 830 FR	125 W	42 W
929001925102	TForce Core LED PT 50-42W E27 840 FR	125 W	42 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001925302	TForce Core LED PT 30-27W E27 830 FR	80 W	27 W
929001925402	TForce Core LED PT 30-27W E27 840 FR	80 W	27 W

Light Technical

Order Code	Full Product Name	Correlated Color		Luminous	
		Color Code	Temperature (Nom)	Luminous Flux (Nom)	Flux (Rated) (Nom)
929001925002	TForce Core LED PT 50-42W E27 830 FR	830	3000 K	5000 lm	5000 lm
929001925102	TForce Core LED PT 50-42W E27 840 FR	840	4000 K	5000 lm	5000 lm
929001925302	TForce Core LED PT 30-27W E27 830 FR	830	3000 K	3000 lm	3000 lm

Order Code	Full Product Name	Correlated Color		Luminous	
		Color Code	Temperature (Nom)	Luminous Flux (Nom)	Flux (Rated) (Nom)
929001925402	TForce Core LED PT 30-27W E27 840 FR	840	4000 K	3000 lm	3000 lm

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