



# 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

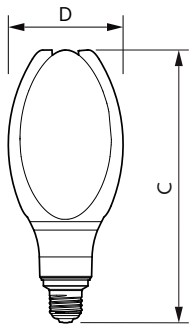


Trueforce E27 Others Frosted



Trueforce E27 Others Frosted

## Dimensional drawing



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

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

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
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	TrueForce Core LED PT 50-42W E27 830 FR	42 kWh
929001925038	TrueForce Core LED PT 50-42W E27 830 RCA	42 kWh
929001925102	TrueForce Core LED PT 50-42W E27 840 FR	42 kWh
929001925138	TrueForce Core LED PT 50-42W E27 840 RCA	42 kWh
929001925302	TrueForce Core LED PT 30-27W E27 830 FR	27 kWh
929001925338	TrueForce Core LED PT 30-27W E27 830 RCA	27 kWh
929001925402	TrueForce Core LED PT 30-27W E27 840 FR	27 kWh
929001925438	TrueForce Core LED PT 30-27W E27 840 RCA	27 kWh

## Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001925002	TrueForce Core LED PT 50-42W E27 830 FR	125 W	42 W
929001925038	TrueForce Core LED PT 50-42W E27 830 RCA	125 W	42 W
929001925102	TrueForce Core LED PT 50-42W E27 840 FR	125 W	42 W
929001925138	TrueForce Core LED PT 50-42W E27 840 RCA	125 W	42 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001925302	TrueForce Core LED PT 30-27W E27 830 FR	80 W	27 W
929001925338	TrueForce Core LED PT 30-27W E27 830 RCA	80 W	27 W
929001925402	TrueForce Core LED PT 30-27W E27 840 FR	80 W	27 W
929001925438	TrueForce Core LED PT 30-27W E27 840 RCA	80 W	27 W

## Light Technical

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929001925002	TrueForce Core LED PT 50-42W E27 830 FR	830	3000 K	5000 lm
929001925038	TrueForce Core LED PT 50-42W E27 830 RCA	830	3000 K	5000 lm
929001925102	TrueForce Core LED PT 50-42W E27 840 FR	840	4000 K	5000 lm

Order Code	Full Product Name	Correlated Color		
		Color Code	Temperature (Nom)	Luminous Flux (Nom)
929001925138	TrueForce Core LED PT 50-42W E27 840 RCA	840	4000 K	5000 lm
929001925302	TrueForce Core LED PT 30-27W E27 830 FR	830	3000 K	3000 lm
929001925338	TrueForce Core LED PT 30-27W E27 830 RCA	830	3000 K	3000 lm

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

Order Code	Full Product Name	Color Code	Correlated Color	
			Temperature (Nom)	Luminous Flux (Nom)
929001925402	TrueForce Core LED PT 30-27W E27 840 FR	840	4000 K	3000 lm
929001925438	TrueForce Core LED PT 30-27W E27 840 RCA	840	4000 K	3000 lm

