



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

TrueForce Core LED PT 50-42W E27 830 FR

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 savings 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.

Product data

General Information		LLMF at end of nominal lifetime (nom.)	
Cap base	E27 [E27]		70 %
EU RoHS compliant	Yes	Operating and Electrical	
Nominal lifetime (nom.)	25000 h	Input frequency	50 to 60 Hz
Switching cycle	50,000X	Power (Rated) (Nom)	42 W
Technical type	42-125W	Lamp current (nom.)	190 mA
Light Technical		Wattage equivalent	125 W
Colour Code	830 [CCT of 3,000 K]	Starting time (nom.)	0.3 s
Luminous flux (nom.)	5000 lm	Warm-up time to 60% light (nom.)	0.3 s
Colour designation	White (WH)	Power factor (nom.)	0.98
Correlated Colour Temperature (Nom)	3000 K	Voltage (Nom)	220-240 V
Luminous efficacy (rated) (nom.)	119.00 lm/W	Temperature	
Colour consistency	<6	T-Case maximum (nom.)	70 °C
Colour rendering index (nom.)	80		

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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Frosted
Bulb shape	Others

Approval and Application

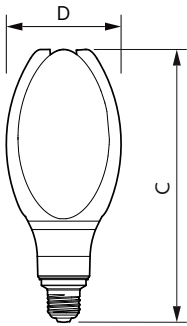
Energy consumption kWh/1,000 hours	42 kWh
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Product Data

Full product code	871869959442800
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Order product name	TrueForce Core LED PT 50-42W E27 830 FR
EAN/UPC – product	8718699594428
Order code	59442800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	929001925002
SAP net weight (piece)	0.375 kg

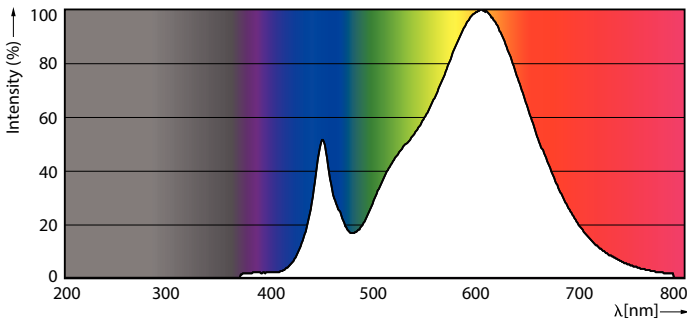
Dimensional drawing



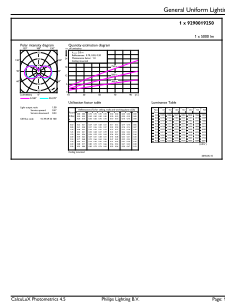
TForce LED HPL ND 5klm E27 830 FR

Product	D	C
TrueForce Core LED PT 50-42W E27 830 FR	108 mm	265 mm

Photometric data



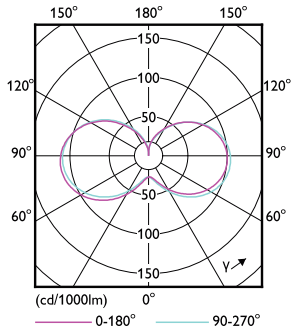
LED TForce Core PT 30-27W E27 others frosted 830 ND



LED TForce Core PT 50-42W E27 others frosted 830 ND

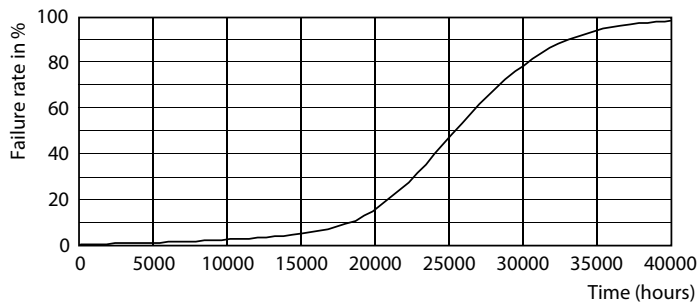
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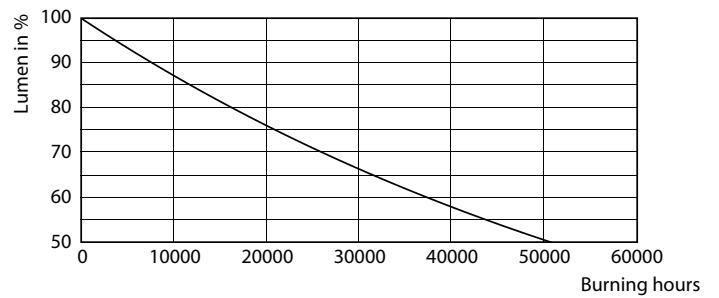


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Lifetime



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