



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

## TrueForce Core LED PT 30-27W 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

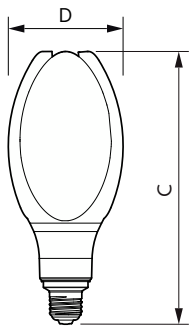
General Information		LLMF at end of nominal lifetime (nom.)	
Cap base	E27 [E27]		70 %
Nominal lifetime	25,000 h	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LED	Input frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power Consumption	27 W
Light Technical		Lamp current (nom.)	120 mA
Colour Code	830 [CCT of 3000K]	Starting time (nom.)	0.3 s
Luminous Flux	3,000 lm	Warm-up time to 60% light	0.3 s
Colour designation	White (WH)	Power Factor (Fraction)	0.98
Correlated Colour Temperature	3000 K	Voltage (nom.)	220-240 V
Luminous efficacy (rated) (nom.)	111.00 lm/W	Temperature	
Colour consistency	<6	T-Case maximum (nom.)	70 °C
Colour rendering index (CRI)	80		

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<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Lamp Finish	Frosted
Bulb shape	Others
<b>Approval and Application</b>	
Energy consumption kWh/1,000 hours	27 kWh
<b>Product Data</b>	
Order product name	TForce Core LED PT 30-27W E27 830 FR

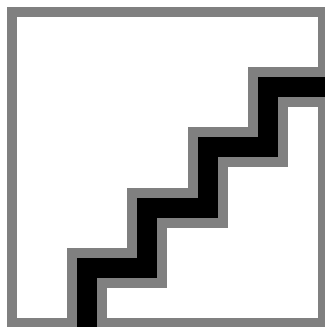
Full product name	TrueForce Core LED PT 30-27W E27 830 FR
Full EOC	871869959438100
Order code	59438100
Material no. (12 NC)	929001925302
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718699594381
Numerator – packs per outer box	4
EAN/UPC - Case	8718699594398

## Dimensional drawing

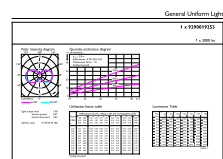


Product	D	C
TForce Core LED PT 30-27W E27 830 FR	96 mm	228 mm

## Photometric data



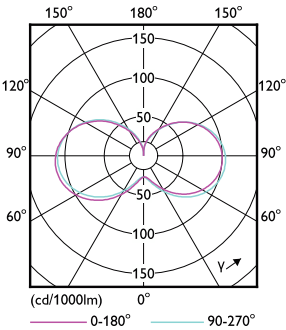
Spectral Power Distribution Colour - TForce Core LED PT 30-27W E27 830 FR



General uniform lighting - TForce Core LED PT 30-27W E27 830 FR

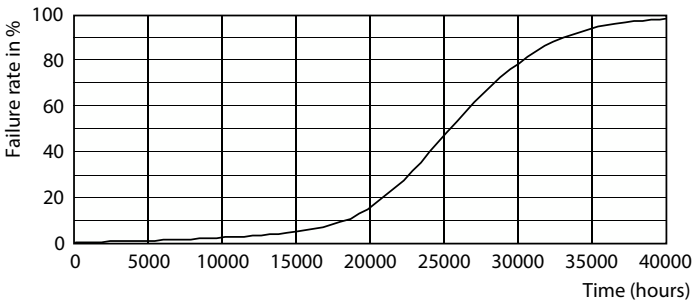
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Photometric data

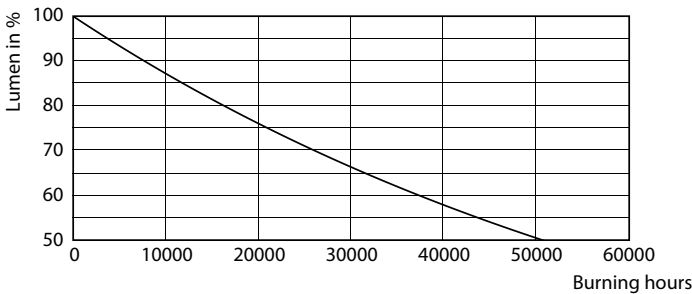


Light Distribution Diagram - TForce Core LED PT 30-27W E27 830 FR

Lifetime



Life Expectancy Diagram - TForce Core LED PT 30-27W E27 830 FR



Lumen Maintenance Diagram - TForce Core LED PT 30-27W E27 830 FR

