



# MASTER - LED HID HPL

## TrueForce Core LED PT 30-27W E27 830 FR

Philips Master LED HPL 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 HPL replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit Master LED HPL urban lamps and bypass the existing ballast while enhancing the lighting quality.

### Warnings and Safety

- Please refer to the installation guide or consult a Philips Lighting representative for wiring diagram and instructions.

### Product data

General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	E27 [E27]		70 %
Nominal lifetime	25,000 hour(s)	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
Color 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
Color Designation	White (WH)	Power Factor (Fraction)	0.98
Correlated Color Temperature (Nom)	3000 K	Voltage (Nom)	220-240 V
Luminous Efficacy (rated) (Nom)	111.00 lm/W	Temperature	
Color Consistency	<6	T-Case Maximum (Nom)	70 °C
Color rendering index (CRI)	80		

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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	Others

## Approval and Application

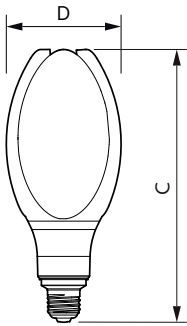
Energy Consumption kWh/1000 h	27 kWh
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## Product Data

Order product name	TForce Core LED PT 30-27W E27 830 FR
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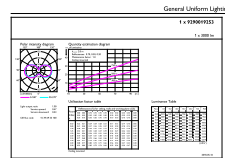
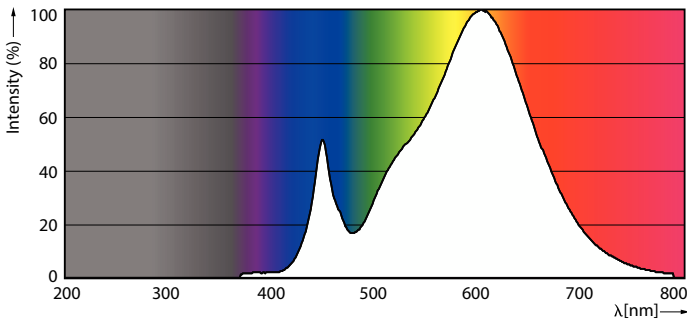
Full product name	TrueForce Core LED PT 30-27W E27 830 FR
Full product code	871869959438100
Order code	59438100
Material Nr. (12NC)	929001925302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699594381
Numerator - Packs per outer box	4
EAN/UPC - Case	8718699594398

## Dimensional drawing



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

## Photometric data

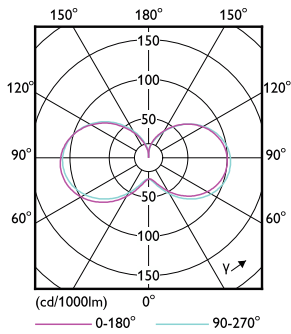


Spectral Power Distribution Colour - TForce Core LED PT 30-27W E27 830 FR

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

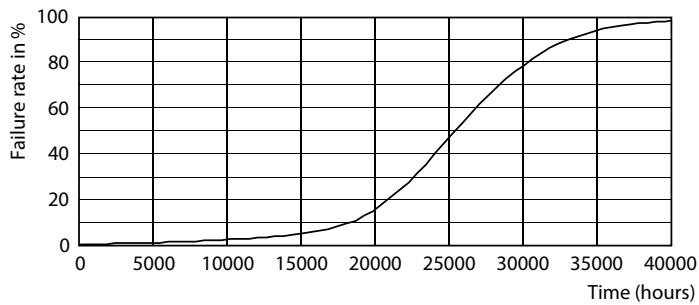
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## Photometric data

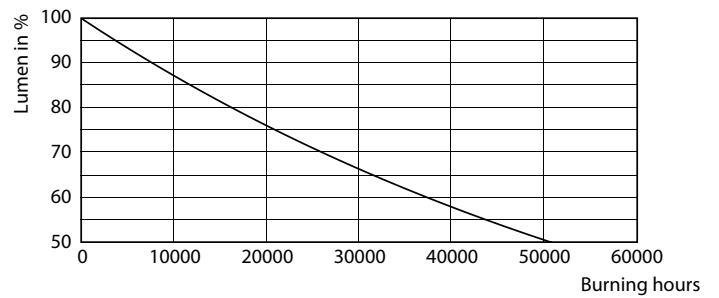


Light Distribution Diagram - TForce Core LED PT 30-27W E27 830 FR

## 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

