



MASTER - LED HID HPL

TrueForce Core LED PT 30-27W E27 840 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

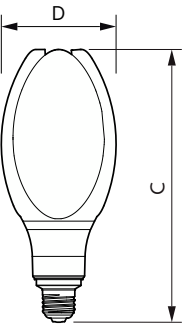
General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	E27 [E27]	70 %	
Nominal lifetime	25,000 hour(s)		
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	840 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Luminous Flux	3,000 lm	Input Frequency	50 to 60 Hz
Color Designation	Cool White (CW)	Power Consumption	27 W
Correlated Color Temperature (Nom)	4000 K	Lamp Current (Nom)	120 mA
Luminous Efficacy (rated) (Nom)	111.00 lm/W	Starting Time (Nom)	0.3 s
Color Consistency	<6	Warm-up time to 60% light	0.3 s
Color rendering index (CRI)	80	Power Factor (Fraction)	0.98
		Voltage (Nom)	220-240 V
		Temperature	
		T-Case Maximum (Nom)	70 °C

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Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	27 kWh
Product Data	
Order product name	TForce Core LED PT 30-27W E27 840 FR

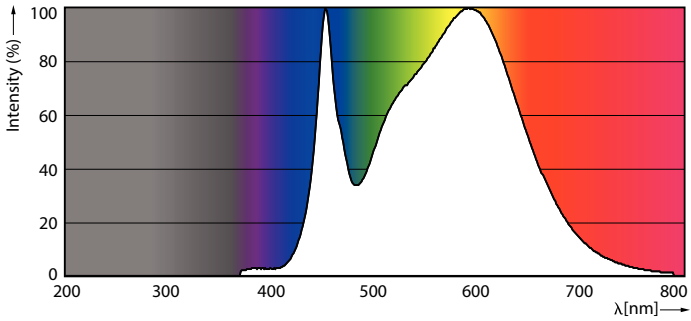
Full product name	TrueForce Core LED PT 30-27W E27 840 FR
Full product code	871869959440400
Order code	59440400
Material Nr. (12NC)	929001925402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699594404
Numerator - Packs per outer box	4
EAN/UPC - Case	8718699594411

Dimensional drawing

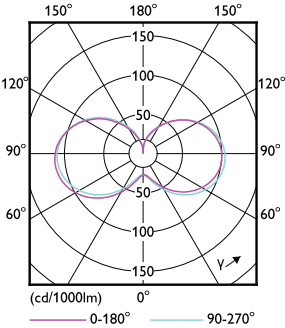


Product	D	C
TForce Core LED PT 30-27W E27 840 FR	96 mm	228 mm

Photometric data



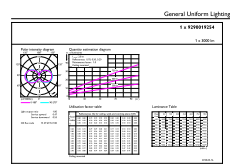
Spectral Power Distribution Colour - TForce Core LED PT 30-27W E27 840 FR



Light Distribution Diagram - TForce Core LED PT 30-27W E27 840 FR

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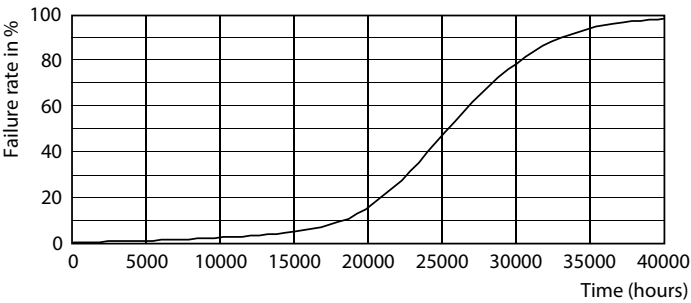
Photometric data



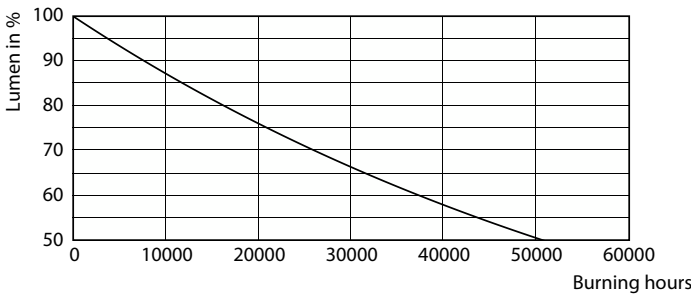
General Uniform Lighting - TForce Core LED PT 30-27W E27 840 FR

General uniform lighting - TForce Core LED PT 30-27W E27 840 FR

Lifetime



Life Expectancy Diagram - TForce Core LED PT 30-27W E27 840 FR



Lumen Maintenance Diagram - TForce Core LED PT 30-27W E27 840 FR

