



MASTER - LED HID HPL

TForce Core LED PT 50-42W 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

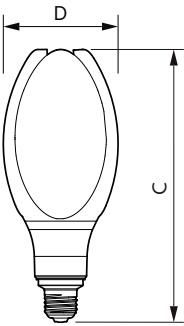
General Information		LLMF At End Of Nominal Lifetime (Nom)	
Cap-Base	E27 [E27]		70 %
Nominal lifetime	25,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LED	Input Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power Consumption	42 W
Light Technical		Lamp Current (Nom)	190 mA
Color Code	830 [CCT of 3000K]	Starting Time (Nom)	0.3 s
Luminous Flux	5,000 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)	119.00 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
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	42 kWh
Product Data	
Order product name	TForce Core LED PT 50-42W E27 830 FR

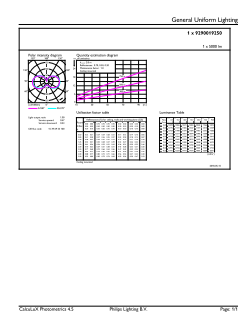
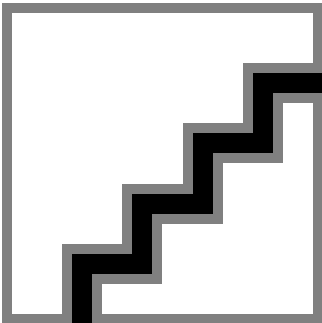
Full product name	TForce Core LED PT 50-42W E27 830 FR
Full product code	871869959442800
Order code	929001925002
Material Nr. (12NC)	929001925002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699594428
Numerator - Packs per outer box	4
EAN/UPC - Case	8718699594435

Dimensional drawing



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

Photometric data

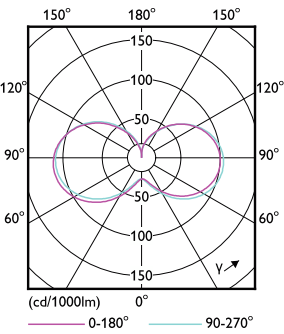


Spectral Power Distribution Colour - TForce Core LED PT 50-42W E27 830 FR

General uniform lighting - TForce Core LED PT 50-42W E27 830 FR

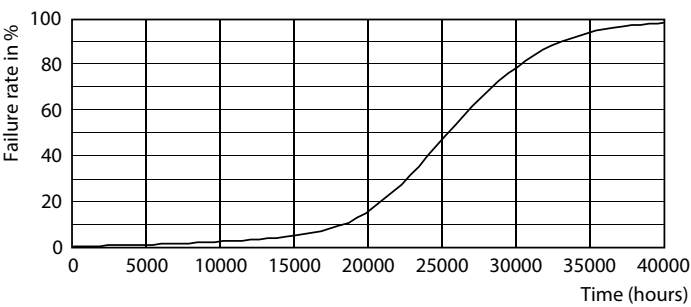
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Photometric data

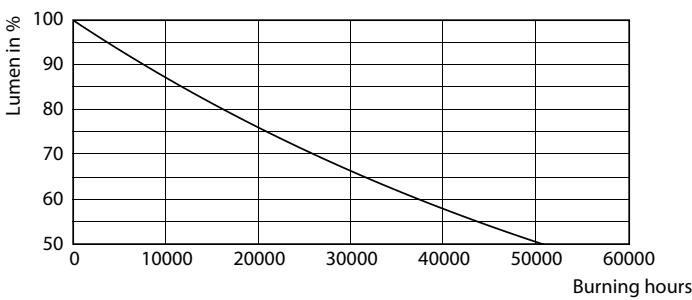


Light Distribution Diagram - TForce Core LED PT 50-42W E27 830 FR

Lifetime



Life Expectancy Diagram - TForce Core LED PT 50-42W E27 830 FR



Lumen Maintenance Diagram - TForce Core LED PT 50-42W E27 830 FR

