

# TrueForce - LED HID HPL

## TForce LED HPL ND 57-42W E27 830

Philips TrueForce LED lamps provide an easy LED solution with a fast payback to replace High-Intensity Discharge (HID) and High Pressure Sodium (SON) lamps. These post-top lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, delivering instant savings for a low initial investment. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing HPL and SON system, thereby enhancing the light quality with LED HID, without having to change the fixtures or sacrifice the light effect.

### Warnings and Safety

- Installation should always be performed by a qualified electrician or installer. Use the installation guide for instructions

### Product data

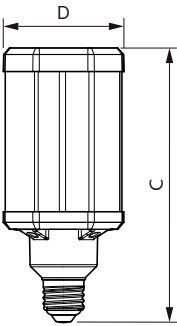
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	E27 [E27]	Color Consistency	<6
CE mark	Yes	Color rendering index (CRI)	80
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
Nominal lifetime	50,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LED	Input Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Power Consumption	42 W
Light Technical		Lamp Current (Nom)	186 mA
Color Code	830 [CCT of 3000K]	Wattage Equivalent	125 W
Beam Angle (Nom)	360 degree(s)	Starting Time (Nom)	0.45 s
Luminous Flux	5,700 lumen	Warm-up time to 60% light	0.45 s
Color Designation	White (WH)	Power Factor (Fraction)	0.95
Correlated Color Temperature (Nom)	3000 K		

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Voltage (Nom)	220-240 V
<b>Temperature</b>	
Ambient temperature range	-40 °C to 55 °C
T-Case Maximum (Nom)	65 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Clear
Bulb Shape	Others
<b>Approval and Application</b>	
Energy Consumption kWh/1000 h	42 kWh

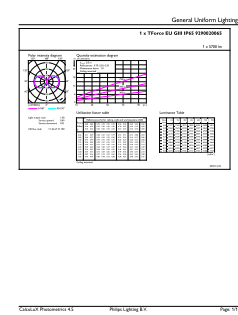
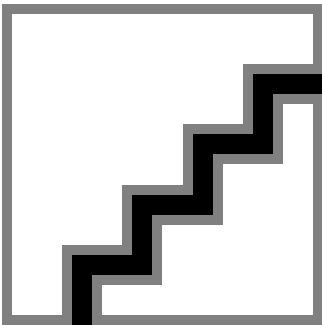
EPREL Registration Number	403,603
<b>Product Data</b>	
Full product code	871869963822100
Order product name	TForce LED HPL ND 57-42W E27 830
Order code	929002006502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002006502
Net weight	0.365 kg
Full product name	TForce LED HPL ND 57-42W E27 830
EAN/UPC - Case	8718699638238

Dimensional drawing



Product	D	C
TForce LED HPL ND 57-42W E27 830	84 mm	178 mm

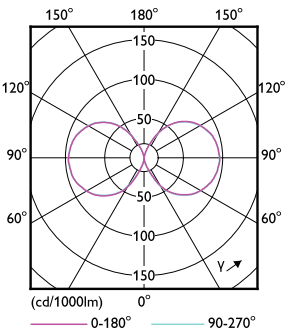
Photometric data



Spectral Power Distribution Colour - TForce LED HPL ND 57-42W E27 830

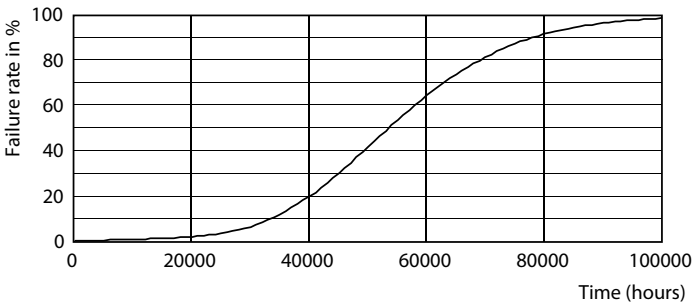
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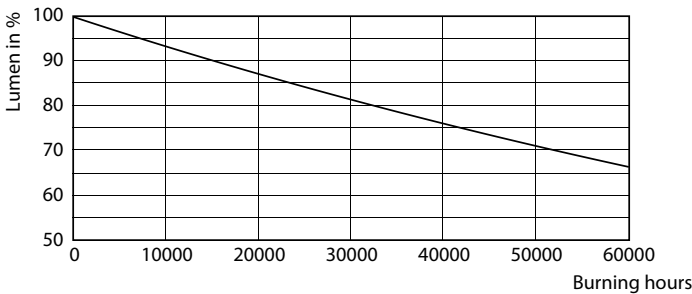


Light Distribution Diagram - TForce LED HPL ND 57-42W E27 830

Lifetime



Life Expectancy Diagram - TForce LED HPL ND 57-42W E27 830



Lumen Maintenance Diagram - TForce LED HPL ND 57-42W E27 830

