



# 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

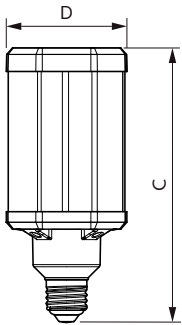
General Information		Color rendering index (CRI)		Operating and Electrical	
Cap-Base	E27 [E27]		80	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %	Input Frequency	50 to 60 Hz
Switching Cycle	50,000			Power Consumption	42 W
Lighting Technology	LED			Lamp Current (Nom)	186 mA
Flux measurement reference	Sphere			Wattage Equivalent	125 W
				Starting Time (Nom)	0.45 s
				Warm-up time to 60% light	0.45 s
				Power Factor (Fraction)	0.95
				Voltage (Nom)	220-240 V
Light Technical					
Color Code	830 [CCT of 3000K]				
Beam Angle (Nom)	360 degree(s)				
Luminous Flux	5,700 lumen				
Color Designation	White (WH)				
Correlated Color Temperature (Nom)	3000 K				
Luminous Efficacy (rated) (Nom)	135 lm/W				
Color Consistency	<6				

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Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Maximum (Nom)	65 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	42 kWh
EPREL Registration Number	403,603

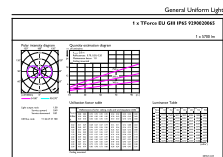
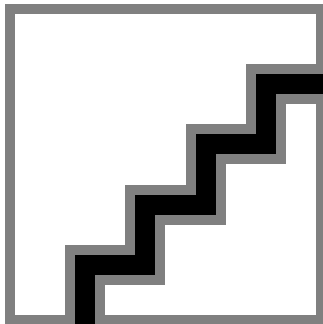
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871869963822100
Order product name	TForce LED HPL ND 57-42W E27 830
Order code	929002006502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002006502
Full product name	TForce LED HPL ND 57-42W E27 830
EAN/UPC - Case	8718699638238

## Dimensional drawing



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

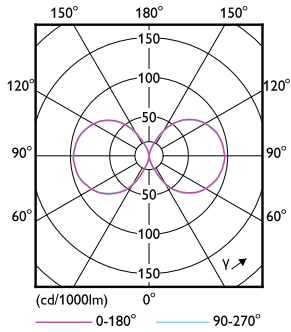
## Photometric data



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

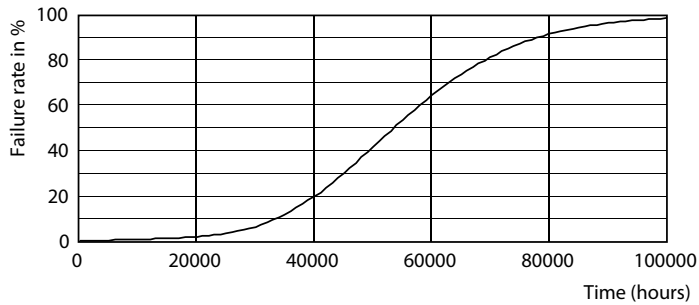
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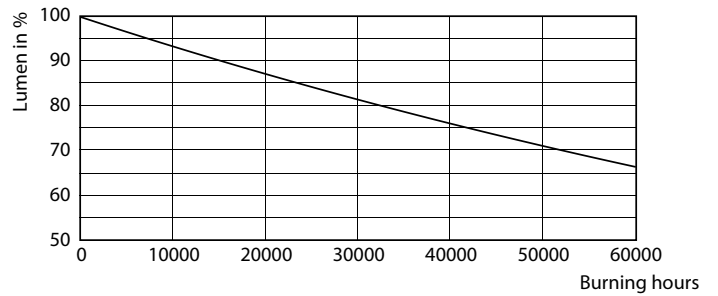


Light Distribution Diagram - TForce LED HPL ND 57-42W E27 830

## Lifetime



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



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

