



TrueForce - LED HID HPL

TForce LED HPL ND 57-42W E40 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

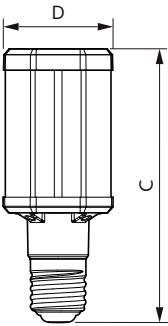
General Information		Operating and Electrical	
Cap-Base	E40 [E40]	Luminous Efficacy (rated) (Nom)	135 lm/W
CE mark	Yes	Color Consistency	<6
EU RoHS compliant	Yes	Color rendering index (CRI)	80
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000		
Lighting Technology	LED	Line Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Input Frequency	50 to 60 Hz
		Power Consumption	42 W
		Lamp Current (Nom)	186 mA
		Wattage Equivalent	125 W
		Starting Time (Nom)	0.45 s
		Warm-up time to 60% light	0.45 s
		Power Factor (Fraction)	0.95
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		

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Voltage (Nom)	220-240 V
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

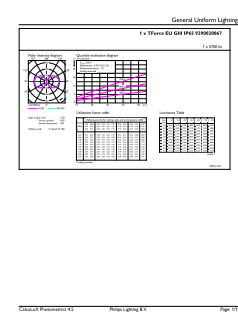
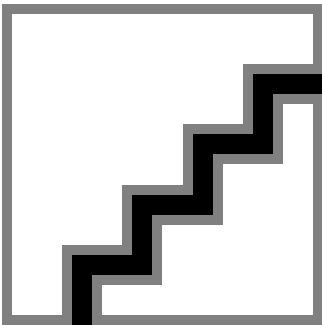
EPREL Registration Number	403,605
Product Data	
Full product code	871869963826900
Order product name	TForce LED HPL ND 57-42W E40 830
Order code	929002006702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002006702
Net weight	0.500 kg
Full product name	TForce LED HPL ND 57-42W E40 830
EAN/UPC - Case	8718699638276

Dimensional drawing



Product	D	C
TForce LED HPL ND 57-42W E40 830	84 mm	191 mm

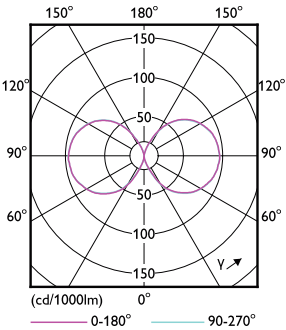
Photometric data



Spectral Power Distribution Colour - TForce LED HPL ND 57-42W E40 830

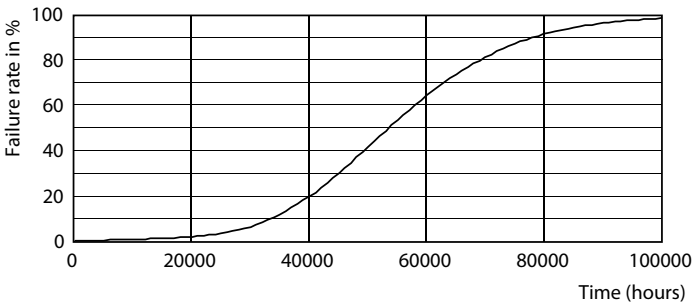
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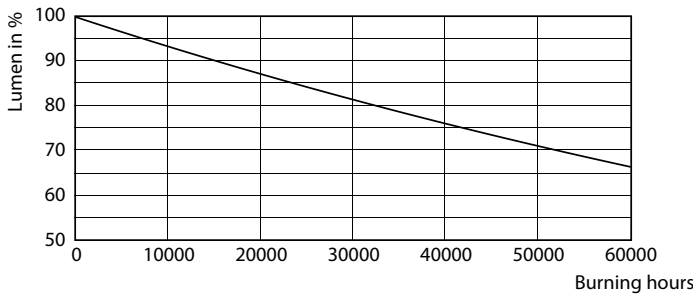


Light Distribution Diagram - TForce LED HPL ND 57-42W E40 830

Lifetime



Life Expectancy Diagram - TForce LED HPL ND 57-42W E40 830



Lumen Maintenance Diagram - TForce LED HPL ND 57-42W E40 830

