



TrueForce - LED HID HPL

TForce LED HPL ND 60-42W E27 840

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	
Cap-Base	E27 [E27]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	360 degree(s)
Luminous Flux	6,000 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	142 lm/W
Color Consistency	<6

Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

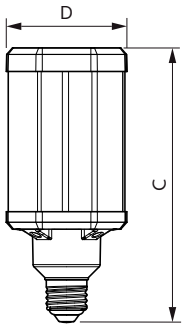
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	42 W
Lamp Current (Nom)	186 mA
Wattage Equivalent	125 W
Starting Time (Nom)	0.45 s
Warm-up time to 60% light	0.45 s
Power Factor (Fraction)	0.95
Voltage (Nom)	220-240 V

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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	403,604

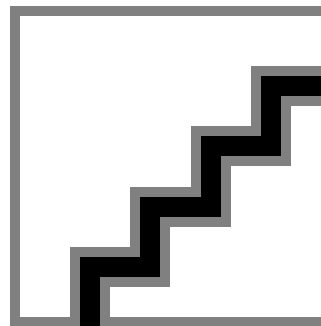
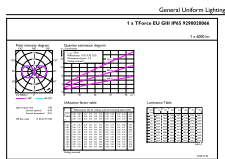
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871869963824500
Order product name	TForce LED HPL ND 60-42W E27 840
Order code	929002006602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002006602
Full product name	TForce LED HPL ND 60-42W E27 840
EAN/UPC - Case	8718699638252

Dimensional drawing



Product	D	C
TForce LED HPL ND 60-42W E27 840	84 mm	178 mm

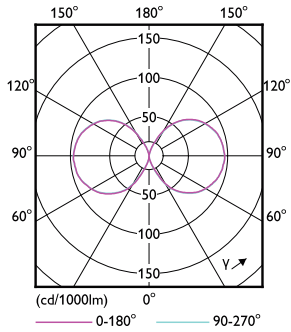
Photometric data



Spectral Power Distribution Colour - TForce LED HPL ND 60-42W E27 840

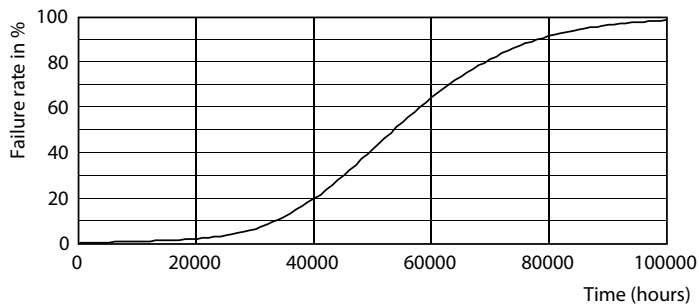
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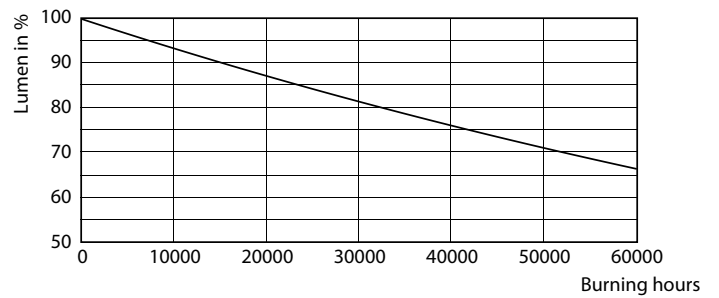


Light Distribution Diagram - TForce LED HPL ND 60-42W E27 840

Lifetime



Life Expectancy Diagram - TForce LED HPL ND 60-42W E27 840



Lumen Maintenance Diagram - TForce LED HPL ND 60-42W E27 840

