

PHILIPS

Lighting



TrueForce LED Public (Urban/Road – HPL/SON)



TrueForce 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

Cap-Base	E27 [E27]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000
Technical Type	42-125W
Flux measurement reference	Sphere

Light technical

Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	360 °
Luminous Flux (Nom)	5700 lm

Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	135 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and electrical

Input Frequency	50 to 60 Hz
Power (Nom)	42 W
Lamp Current (Nom)	186 mA
Wattage Equivalent	125 W

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Starting Time (Nom)	0.45 s
Warm Up Time to 60% Light (Nom)	0.45 s
Power Factor (Nom)	0.95
Voltage (Nom)	220-240 V

Temperature

T-Ambient (Max)	55 °C
T-Ambient (Min)	-40 °C
T-Case Maximum (Nom)	65 °C

Controls and dimming

Dimmable	No
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Mechanical and housing

Bulb Finish	Clear
Bulb Shape	Others

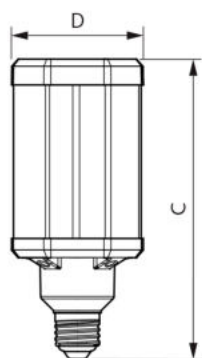
Approval and application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	42 kWh
EPREL Registration Number	403603

Product data

Full product code	871869963822100
Order product name	TrueForce LED HPL ND 57-42W E27 830
EAN/UPC - Product	8718699638221
Order code	929002006502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002006502
Net Weight (Piece)	0.365 kg

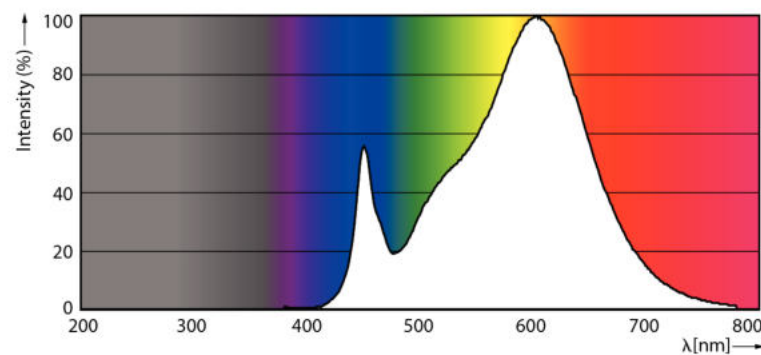
Dimensional drawing



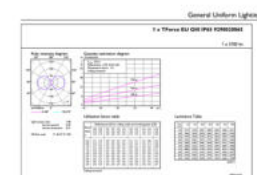
TrueForce LED HPL ND 57-42W E27 830

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

Photometric data

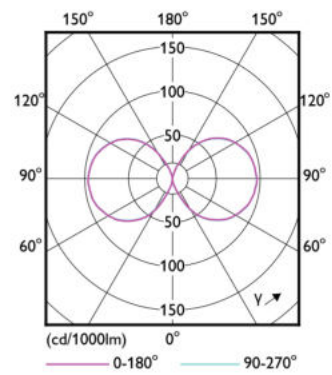


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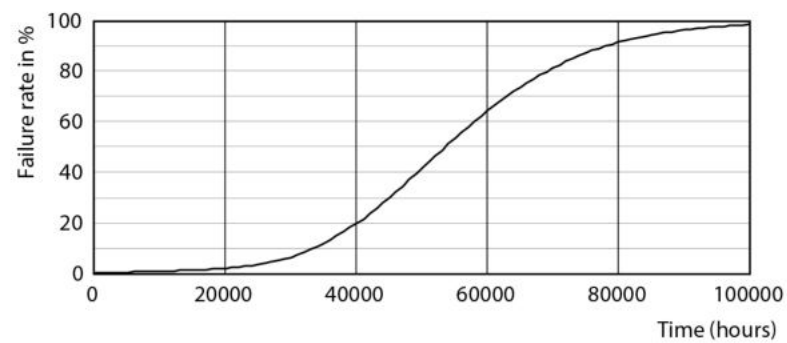
LEDTrueForce E27 42W 3000K

Photometric data

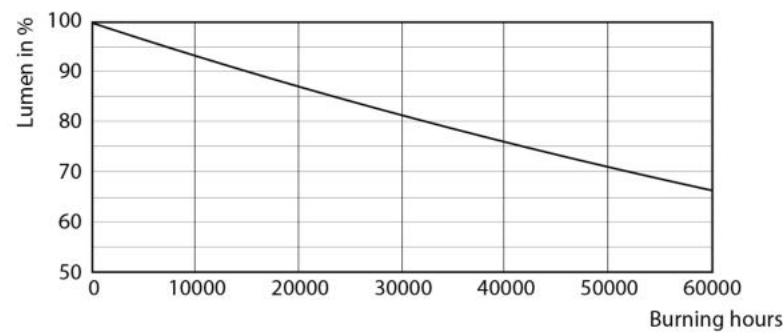


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Lifetime



LEDTrueForce Others 360



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