

**PHILIPS**

Lighting



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



## TrueForce 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	
Cap-Base	E40 [ E40]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000
Technical Type	42-200W
Flux measurement reference	Sphere

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

Color Designation	
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

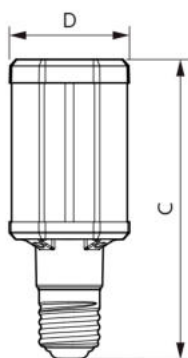
## Approval and application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	42 kWh
EPREL Registration Number	403605

## Product data

Full product code	871869963826900
Order product name	TrueForce LED HPL ND 57-42W E40 830
EAN/UPC - Product	8718699638269
Order code	929002006702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002006702
Net Weight (Piece)	0.500 kg

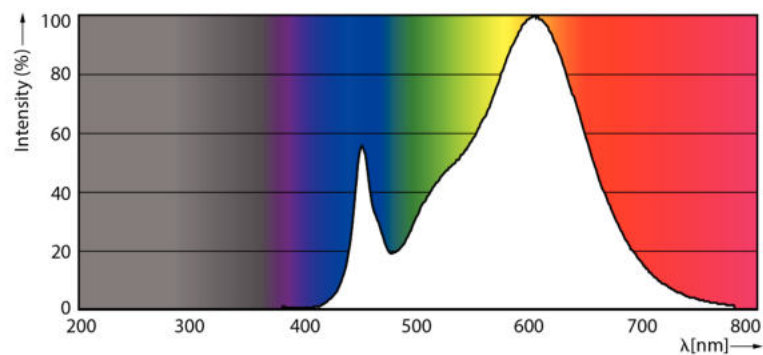
## Dimensional drawing



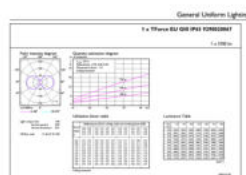
TrueForce LED HPL ND 57-42W E40 830

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

## Photometric data

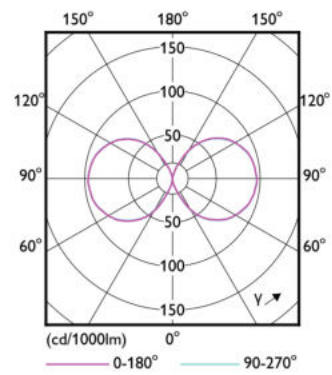


LEDTrueForce E27 42W



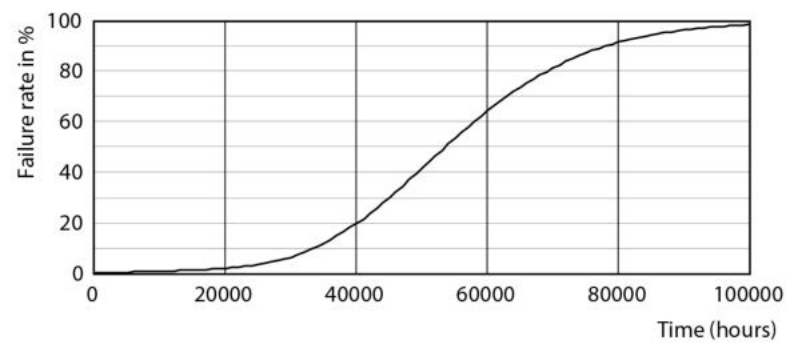
LEDTrueForce E40 42W 3000K

## Photometric data

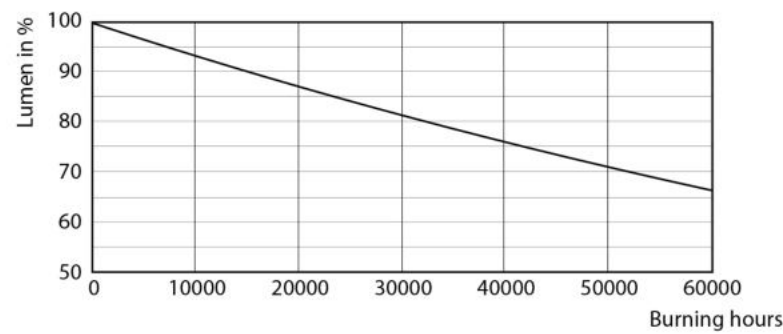


LEDTrueForce E27 42W 3000K

## Lifetime



LEDTrueForce Others 360



LEDTrueForce Others 360

