



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) lamps. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, with a low initial investment delivering instant savings. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing system, thereby enhancing the light quality without having to change the fixtures or sacrifice the light effect.

Product data

General Information	
Cap base	E27 [E27]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	50,000X
Technical type	42-125W

Light Technical	
Colour Code	830 [CCT of 3,000 K]
Beam Angle (Nom)	360 °
Luminous flux (nom.)	5700 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	135.00 lm/W
Colour consistency	<6

Operating and Electrical	
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	42 W
Lamp current (nom.)	186 mA
Wattage equivalent	125 W
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

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

Temperature

T-Case maximum (nom.) 90 °C

Controls and Dimming

Dimmable No

Mechanical and Housing

Lamp Finish Clear

Approval and Application

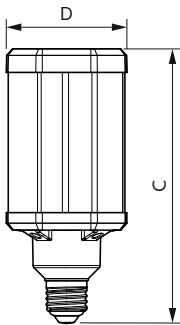
Energy efficiency label (EEL) A++

Energy consumption kWh/1,000 hours 42 kWh

Product Data

Full product code	871869963822100
Order product name	TrueForce LED HPL ND 57-42W E27 830
EAN/UPC – product	8718699638221
Order code	63822100
Numerator – quantity per pack	1
SAP numerator – packs per outer box	6
Material no. (12 NC)	929002006502
SAP net weight (piece)	0.365 kg

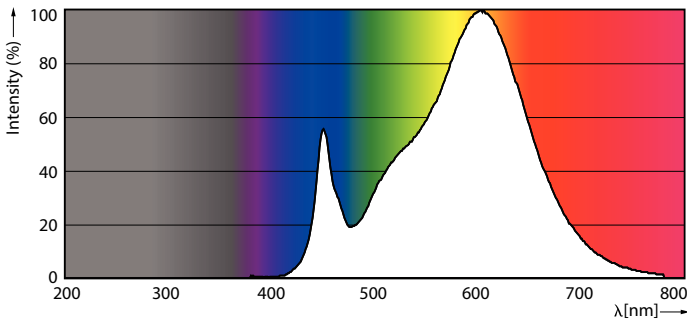
Dimensional drawing



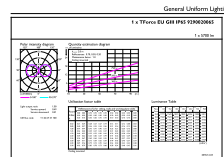
Tforce LED HPL ND 6klm E27 830 CL IP65

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

Photometric data



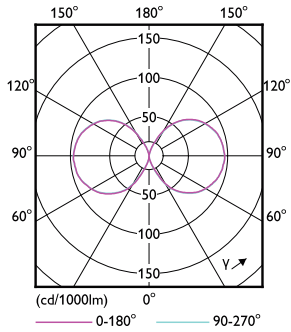
LEDTrueForce E27 42W



LEDTrueForce E27 42W 3000K

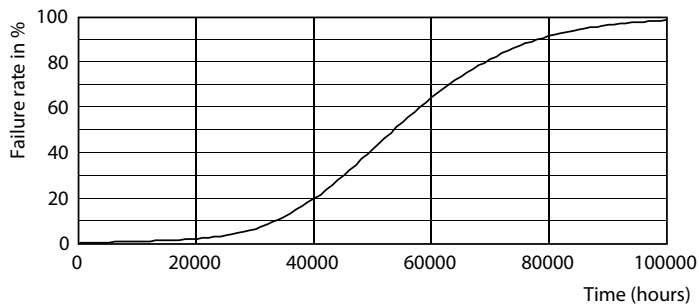
TrueForce LED Public (Urban/Road – HPL/SON)

Photometric data

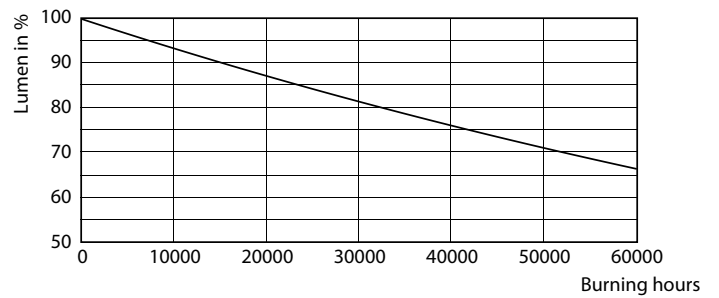


LEDTrueForce E27 42W 3000K

Lifetime



LEDTrueForce Others 360



LEDTrueForce Others 360

