



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) 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	E40 [E40]
Nominal lifetime (nom.)	50000 h
Switching cycle	50000X
Technical type	42-200W
Light Technical	
Colour code	830 [CCT of 3,000 K]
Beam Angle (Nom)	360 °
Luminous flux (nom.)	5700 lm
Luminous flux (rated) (nom.)	5700 lm
Colour designation	White (WH)
Correlated colour temperature (nom.)	3000 K
Luminous efficacy (rated) (nom.)	135.00 lm/W
Colour 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 (Rated) (Nom)	42 W
Lamp current (nom.)	186 mA
Wattage equivalent	200 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

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Temperature

T-Case maximum (nom.)	90 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb finish	Clear (CL)
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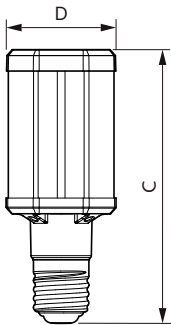
Approval and Application

Energy efficiency label (EEL)	A++
Energy Consumption kWh/1000 h	42 kWh

Product Data

Full product code	871869963826900
Order product name	TrueForce LED HPL ND 57-42W E40 830
EAN/UPC – product	8718699638269
Order code	63826900
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	929002006702
Net weight (piece)	0.500 kg

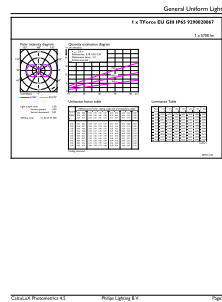
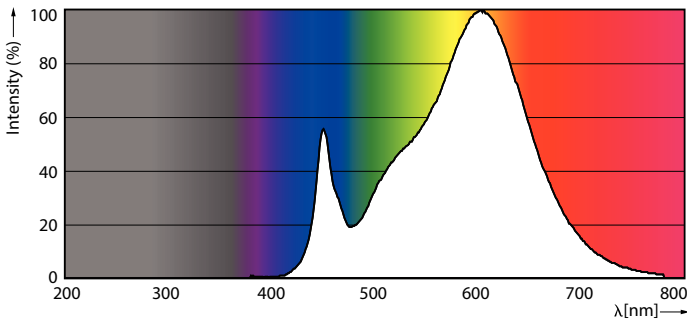
Dimensional drawing



Tforce LED HPL ND 6klm E40 830 CL IP65

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

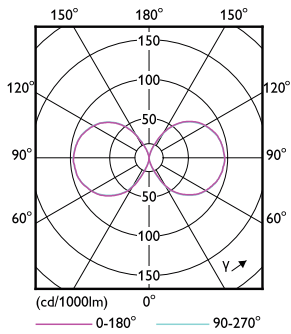
Photometric data



LEDTrueForce E40 42W 3000K

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Photometric data



Lifetime

