

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

TrueForce LED HPL ND 60-42W E40 840

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	840 [CCT of 4,000 K]
Beam Angle (Nom)	360 °
Luminous flux (nom.)	6000 lm
Luminous flux (rated) (nom.)	6000 lm
Colour designation	Cool White (CW)
Correlated colour temperature (nom.)	4000 K
Luminous efficacy (rated) (nom.)	142.00 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

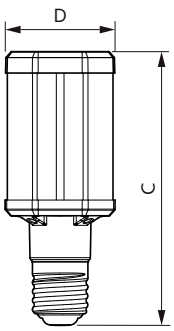
Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb finish	Clear

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

Product Data	
Full product code	871869963828300
Order product name	TrueForce LED HPL ND 60-42W E40 840
EAN/UPC – product	8718699638283
Order code	63828300
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	929002006802
Net weight (piece)	0.500 kg

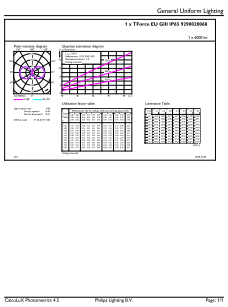
Dimensional drawing

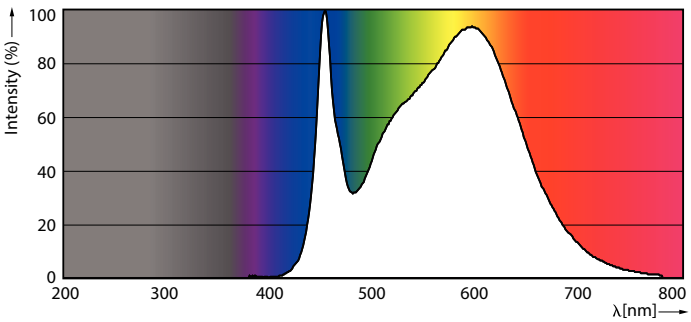


Product	D	C
TrueForce LED HPL ND 60-42W E40 840	84 mm	191 mm

Tforce LED HPL ND 6klm E40 840 CL IP65

Photometric data

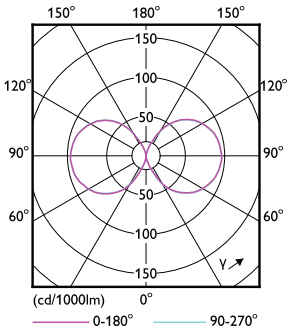




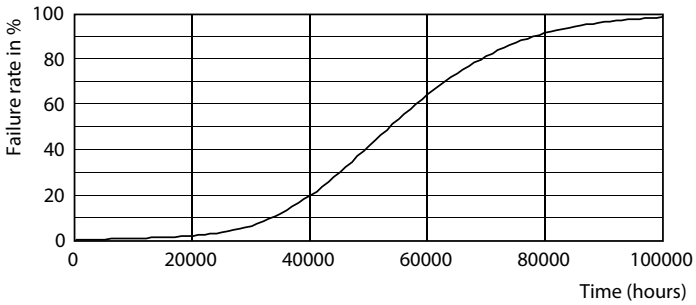
LEDTrueForce E40 42W 4000K

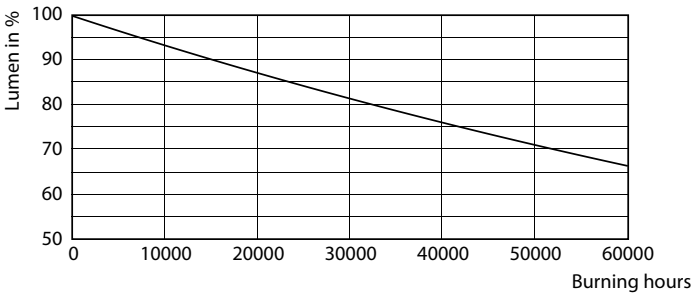
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Photometric data



Lifetime





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