



# 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

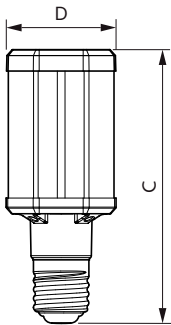
General Information		Operating and Electrical	
Cap base	E40 [ E40]	Colour consistency	<6
EU RoHS compliant	Yes	Colour rendering index (nom.)	80
Nominal lifetime (nom.)	50000 h	LLMF at end of nominal lifetime (nom.)	70 %
Switching cycle	50,000X	Input frequency	50 to 60 Hz
Technical type	42-200W	Power (Rated) (Nom)	42 W
	Sphere	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
Light Technical			
Colour Code	840 [ CCT of 4,000 K]		
Beam Angle (Nom)	360 °		
Luminous flux (nom.)	6000 lm		
Colour designation	Cool White (CW)		
Correlated Colour Temperature (Nom)	4000 K		
Luminous efficacy (rated) (nom.)	142.00 lm/W		

# 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
Bulb shape	Others
Approval and Application	
Energy Efficiency Class	D
Energy consumption kWh/1,000 hours	42 kWh

	403606
Product Data	
Full product code	871869963828300
Order product name	TrueForce LED HPL ND 60-42W E40 840
EAN/UPC – product	8718699638283
Order code	63828300
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002006802
SAP net weight (piece)	0.500 kg

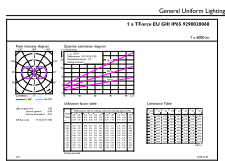
## Dimensional drawing



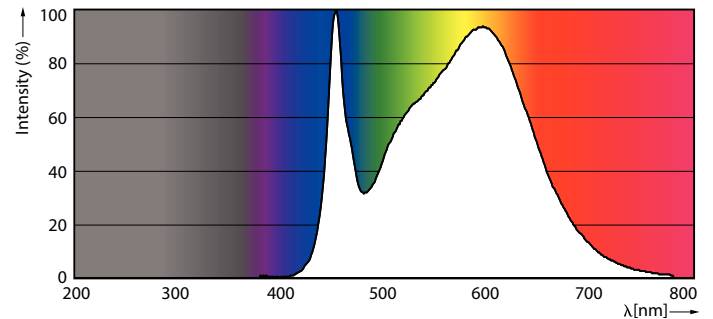
TrueForce LED HPL ND 60-42W E40 840 CL IP65

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

## Photometric data



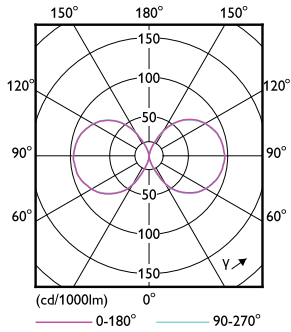
LEDTrueForce E40 42W 4000K



LEDTrueForce E40 42W 4000K

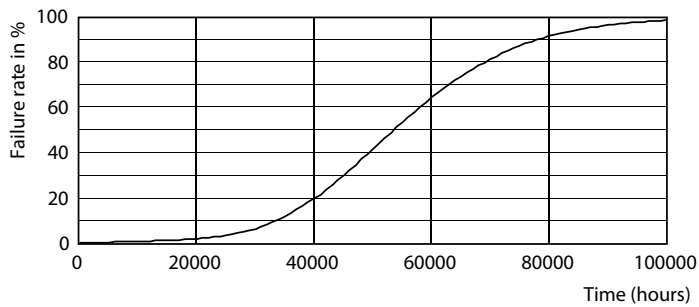
# TrueForce LED Public (Urban/Road – HPL/SON)

## Photometric data

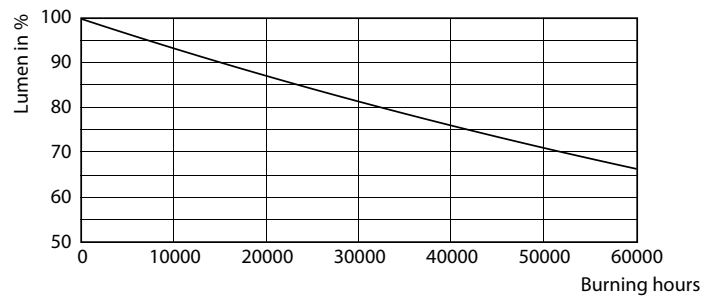


LEDTrueForce E27 42W 3000K

## Lifetime



LEDTrueForce Others 360



LEDTrueForce Others 360

