



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]	Color rendering index (nom.)	80
Nominal lifetime (nom.)	50000 h	LLMF at end of nominal lifetime (nom.)	70 %
Switching cycle	50000X		
Technical type	42-125W	Operating and Electrical	
		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
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		

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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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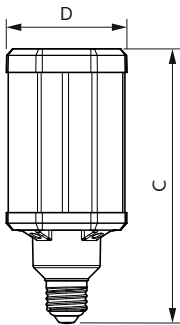
Approval and Application

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

Product Data

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

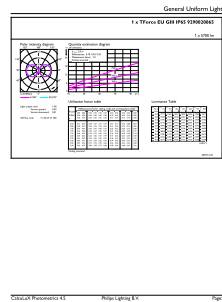
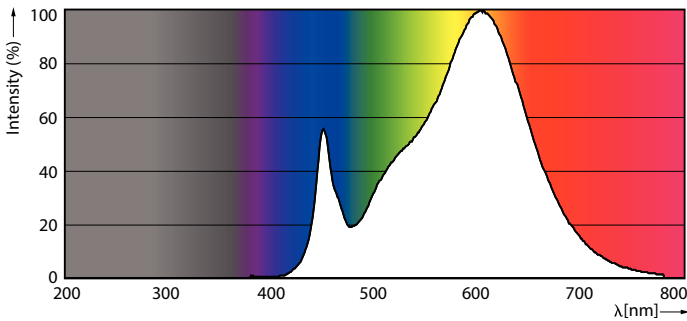
Dimensional drawing



Tforce LED HPL ND 6klm E27 830 CL IP65

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

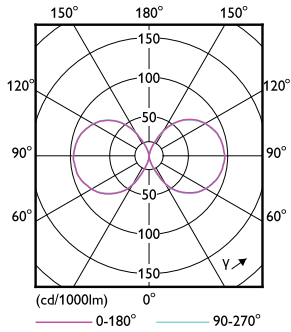
Photometric data



LEDTrueForce E27 42W 3000K

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Photometric data



Lifetime

