



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

TrueForce LED HPL ND 28-21W 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		Color Rendering Index (Nom)	
Cap-Base	E27 [E27]		80
EU RoHS compliant	Yes	LLMF At End Of Nominal Lifetime (Nom)	70 %
Nominal Lifetime (Nom)	50000 h	Operating and Electrical	
Switching Cycle	50000X	Input Frequency	50 to 60 Hz
Technical Type	21-80W	Power (Nom)	21 W
		Lamp Current (Nom)	95 mA
		Wattage Equivalent	80 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			
Color Code	830 [CCT of 3000K]		
Beam Angle (Nom)	360 °		
Luminous Flux (Nom)	2850 lm		
Color Designation	White (WH)		
Correlated Color Temperature (Nom)	3000 K		
Luminous Efficacy (rated) (Nom)	135.00 lm/W		
Color Consistency	<6		

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Temperature

T-Case Maximum (Nom) 80 °C

Controls and Dimming

Dimmable No

Mechanical and Housing

Bulb Finish Clear

Approval and Application

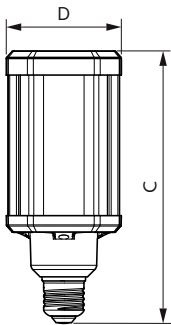
Energy Efficiency Label (EEL) A++

Energy Consumption kWh/1000 h 21 kWh

Product Data

Full product code	871869963814600
Order product name	TrueForce LED HPL ND 28-21W E27 830
EAN/UPC - Product	8718699638146
Order code	929002006102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002006102
Net Weight (Piece)	0.370 kg

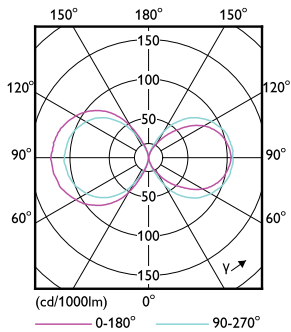
Dimensional drawing



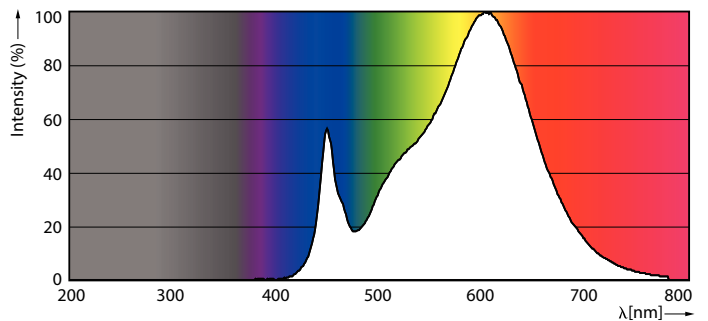
Tforce LED HPL ND 3klm E27 830 CL IP65

Product	D	C
TrueForce LED HPL ND 28-21W E27 830	75 mm	178 mm

Photometric data



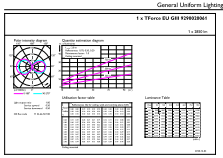
LEDTrueForce E27 360



LEDTrueForce E27 21W 3000K

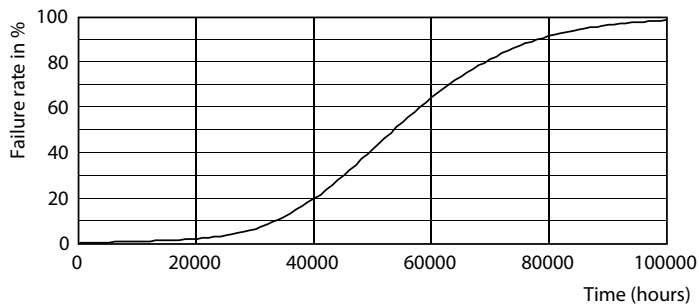
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Photometric data

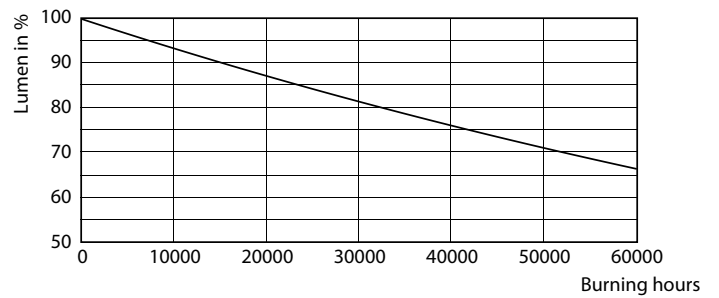


LEDTrueForce E27 21W 3000K

Lifetime



LEDTrueForce Others 360



LEDTrueForce Others 360

