



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			
Cap base	E27 [E27]	Colour rendering index (nom.)	80
EU RoHS compliant	Yes	LLMF at end of nominal lifetime (nom.)	70 %
Nominal lifetime (nom.)	50000 h	Operating and Electrical	
Switching cycle	50,000X	Input frequency	50 to 60 Hz
Technical type	21-80W	Power (Rated) (Nom)	21 W
Light Technical		Lamp current (nom.)	95 mA
Colour Code	830 [CCT of 3,000 K]	Wattage equivalent	80 W
Beam Angle (Nom)	360 °	Starting time (nom.)	0.45 s
Luminous flux (nom.)	2850 lm	Warm-up time to 60% light (nom.)	0.45 s
Colour designation	White (WH)	Power factor (nom.)	0.95
Correlated Colour Temperature (Nom)	3000 K	Voltage (Nom)	220-240 V
Luminous efficacy (rated) (nom.)	135.00 lm/W		
Colour consistency	<6		

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Temperature

T-Case maximum (nom.)	80 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Clear
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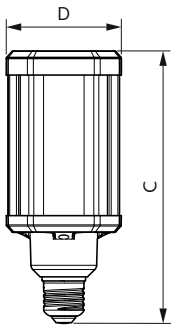
Approval and Application

Energy efficiency label (EEL)	A++
Energy consumption kWh/1,000 hours	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	63814600
Numerator – quantity per pack	1
SAP numerator – packs per outer box	6
Material no. (12 NC)	929002006102
Net Weight (Piece)	0.370 kg

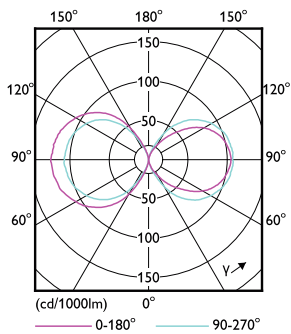
Dimensional drawing



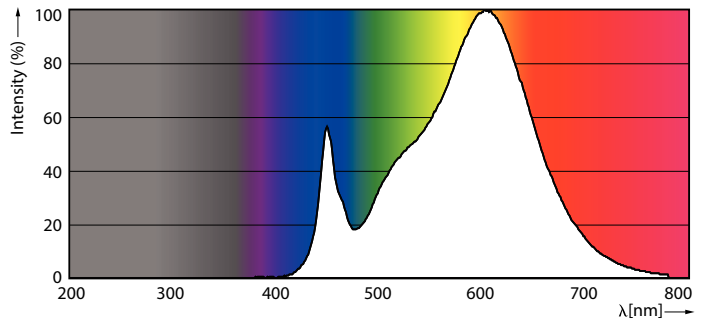
TrueForce LED HPL ND 3klm E27 830 CL IP65

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

Photometric data



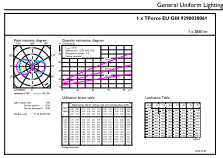
LEDTrueForce E27 360



LEDTrueForce E27 21W 3000K

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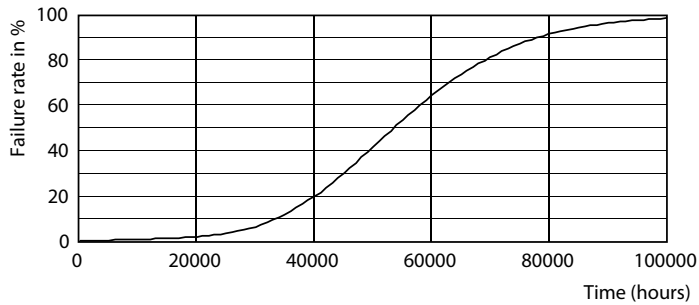
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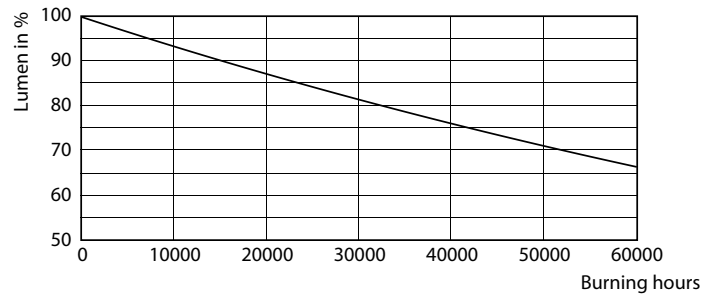
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LEDTrueForce E27 21W 3000K

Lifetime



LEDTrueForce Others 360



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