



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]
EU RoHS compliant	Yes
Nominal lifetime (nom.)	50000 h
Switching cycle	50,000X
Technical type	21-80W
Light Technical	
Colour Code	830 [CCT of 3,000 K]
Beam Angle (Nom)	360 °
Luminous flux (nom.)	2850 lm
Colour designation	White (WH)
Correlated Colour Temperature (Nom)	3000 K
Luminous efficacy (rated) (nom.)	135.00 lm/W
Colour consistency	<6

Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (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

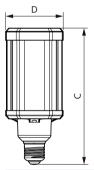
Datasheet, 2021, January 20 data subject to change

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Temperature	
T-Case maximum (nom.)	80 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
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

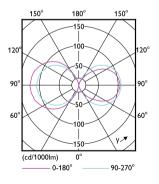
Dimensional drawing



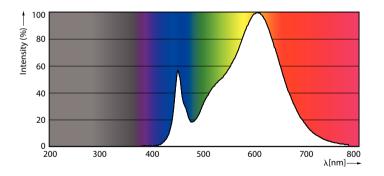
Tforce LED HPL ND 3klm E27 830 CL IP65

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

Photometric data



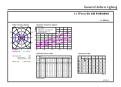
LEDTrueForce E27 360



LEDTrueForce E27 21W 3000K

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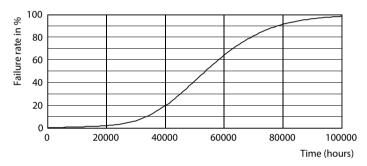
Photometric data

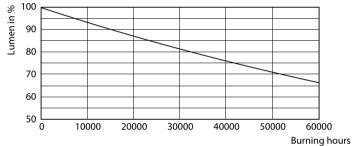


Calculus Photometrics 4.5 Philips Lighting R.V. Page: 17

LEDTrueForce E27 21W 3000K

Lifetime





LEDTrueForce Others 360

LEDTrueForce Others 360



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