



# 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
Nominal lifetime (nom.)	50000 h	LLMF at end of nominal lifetime (nom.)	70 %
Switching cycle	50000X	<b>Operating and Electrical</b>	
Technical type	21-80W	Input frequency	50 to 60 Hz
<b>Light Technical</b>		Power (Rated) (Nom)	21 W
Colour code	830 [ CCT of 3,000 K]	Lamp current (nom.)	95 mA
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
Luminous flux (rated) (nom.)	2850 lm	Power factor (nom.)	0.95
Colour designation	White (WH)	Voltage (Nom)	220-240 V
Correlated colour temperature (nom.)	3000 K	<b>Temperature</b>	
Luminous efficacy (rated) (nom.)	135.00 lm/W	T-Case maximum (nom.)	80 °C
Colour consistency	<6		

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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

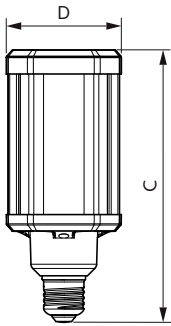
Energy efficiency label (EEL)	A++
Energy Consumption kWh/1000 h	21 kWh

## Product Data

Full product code	871869963814600
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Order product name	TrueForce LED HPL ND 28-21W E27 830
EAN/UPC – product	8718699638146
Order code	63814600
Numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12NC)	929002006102
Net weight (piece)	0.370 kg

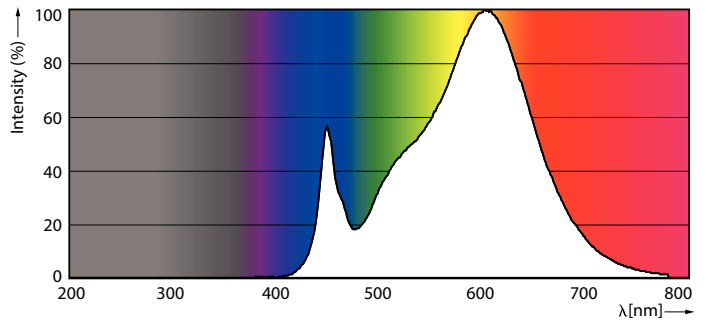
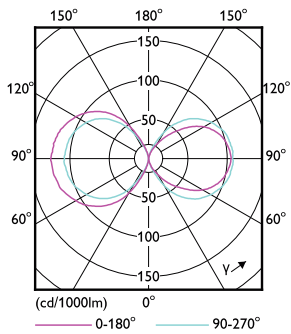
## Dimensional drawing



Tforce LED HPL ND 3klm E27 830 CL IP65

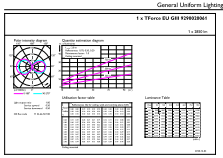
Product	D	C
TrueForce LED HPL ND 28-21W E27 830	75 mm	178 mm

## Photometric data



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## Photometric data



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## LEDTrueForce E27 21W 3000K

## Lifetime

