



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

TrueForce LED HPL ND 38-28W 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		Colour Rendering Index,horiz (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	50,000X	Input frequency	50 to 60 Hz
Technical type	28-125W	Power (Rated) (Nom)	28 W
		Lamp current (nom.)	125 mA
		Wattage equivalent	125 W
Light Technical		Starting time (nom.)	0.45 s
Colour Code	830 [CCT of 3,000 K]	Warm-up time to 60% light (nom.)	0.45 s
Beam Angle (Nom)	360 °	Power factor (nom.)	0.95
Lamp Luminous Flux 25°C EL (Nom)	3800 lm	Voltage (Nom)	220-240 V
Colour Designation	White (WH)		
Colour Temperature, horizontal (Nom)	3000 K		
Lamp Luminous Efficacy EM (Nom)	135.00 lm/W		
Colour consistency	<6		

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Temperature

T-Case maximum (nom.) 85 °C

Controls and Dimming

Dimmable No

Mechanical and Housing

Lamp Finish Clear

Approval and Application

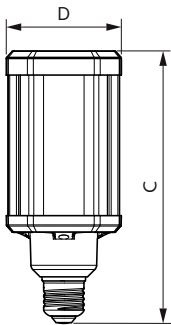
Energy efficiency label (EEL) A++

Energy consumption kWh/1,000 hours 28 kWh

Product Data

Full product code	871869963818400
Order product name	TrueForce LED HPL ND 38-28W E27 830
EAN/UPC – product	8718699638184
Order code	929002006302
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
Material no. (12 NC)	929002006302
SAP net weight (piece)	0.370 kg

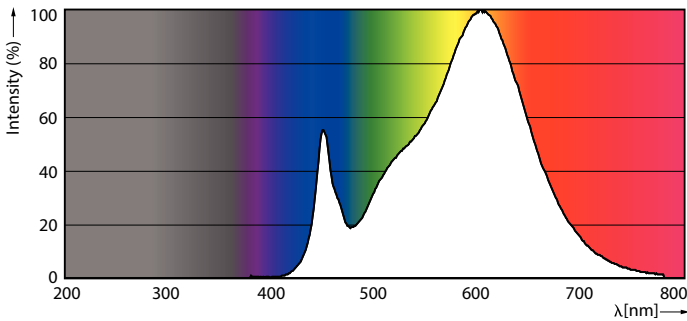
Dimensional drawing



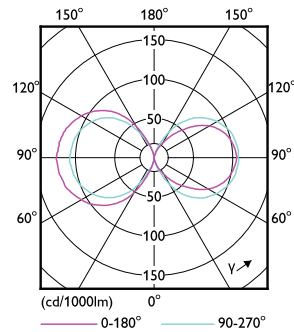
Tforce LED HPL ND 4klm E27 830 CL IP65

Product	D	C
TrueForce LED HPL ND 38-28W E27 830	75 mm	178 mm

Photometric data



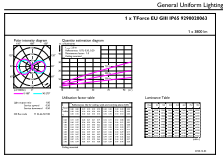
LEDTrueForce E27 28W 3000K



LEDTrueForce E27 360

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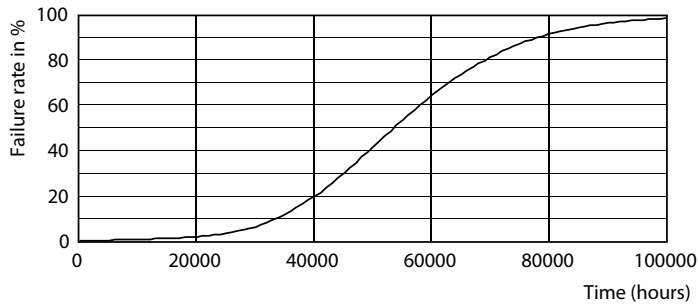
Photometric data



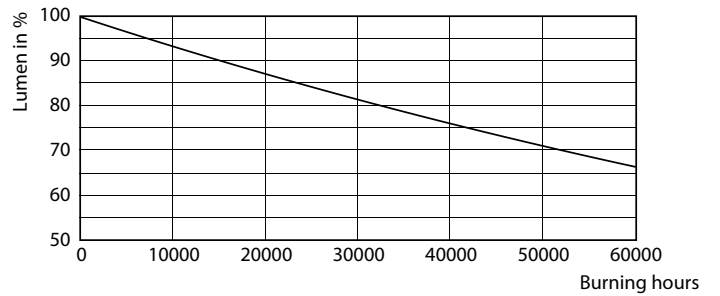
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Lifetime



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