



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) and High-Pressure Sodium (SON) lamps. These post-top lamps bring the energy efficiency and long lifetime benefits of LED-to-HID replacement, delivering instant savings for a low initial investment. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing HPL and SON system, thereby enhancing the light quality with LED HID, without having to change the fixtures or sacrifice the light effect.

Warnings and Safety

- Installation must always be performed by a qualified electrician or installer. Use the installation guide for instructions

Product data

General Information		Colour Designation	
Cap base	E27 [E27]	Colour Designation	White (WH)
EU RoHS compliant	Yes	Colour Temperature, horizontal (Nom)	3000 K
Nominal lifetime (nom.)	50000 h	Lamp Luminous Efficacy EM (Nom)	135.00 lm/W
Switching cycle	50,000X	Colour consistency	<6
Technical type	28-125W	Colour Rendering Index,horiz (Nom)	80
	Sphere	LLMF at end of nominal lifetime (nom.)	70 %
Light Technical		Operating and Electrical	
Colour Code	830 [CCT of 3,000 K]	Input frequency	50 to 60 Hz
Technical Beam Angle (Nom)	360 °	Power (Rated) (Nom)	28 W
Lamp Luminous Flux 25°C EL (Nom)	3800 lm	Lamp current (nom.)	125 mA
		Wattage equivalent	80 W

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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

Temperature

T-Case maximum (nom.)	85 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Lamp Finish	Clear
Bulb shape	Others

Approval and Application

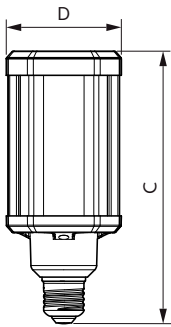
Energy Efficiency Class	D
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Energy consumption kWh/1,000 hours	28 kWh
	403570

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
SAP material	929002006302
SAP net weight (piece)	0.370 kg

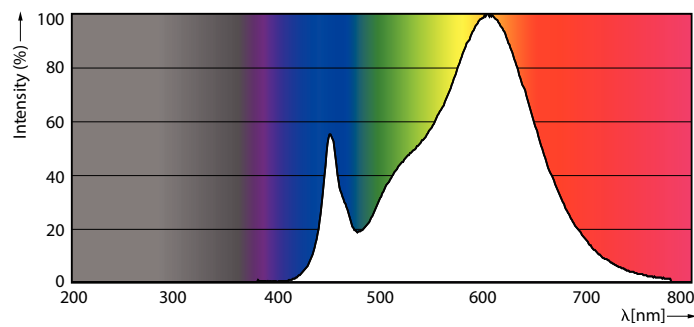
Dimensional drawing



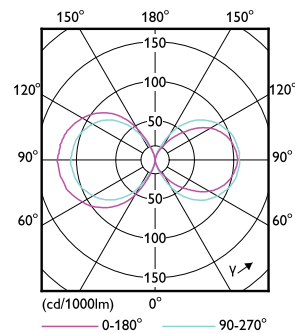
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Product	D	C
TrueForce LED HPL ND 38-28W E27 830	75 mm	178 mm

Photometric data



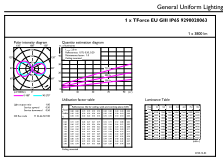
LEDTrueForce E27 28W 3000K



LEDTrueForce E27 360

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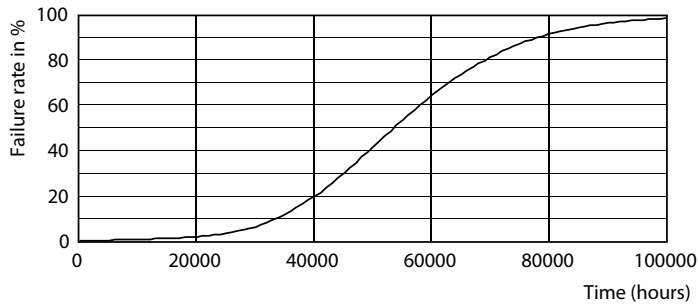
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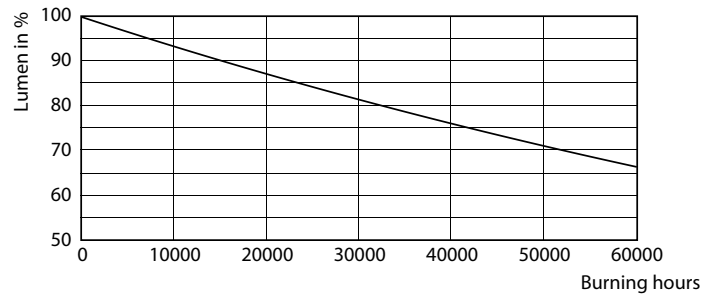
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Lifetime



LEDTrueForce Others 360



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