



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

TrueForce LED HPL ND 28-25W E27 730 FR

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

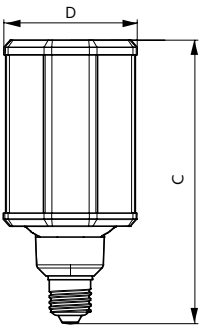
General Information		Operating and Electrical	
Cap base	E27 [E27]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 h	Input frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	25 W
Lighting Technology	LED	Lamp current (nom.)	135 mA
EU RoHS compliant	Yes	Starting time (nom.)	0.5 s
Light Technical		Correlated Colour Temperature	3000 K
Colour Code	730 [CCT of 3000K]	Luminous efficacy (rated) (nom.)	112.00 lm/W
Beam angle (nom.)	360 degree(s)	Colour consistency	<6
Luminous Flux	2,800 lm	Colour rendering index (CRI)	70
Colour designation	White (WH)	LLMF at end of nominal lifetime (nom.)	70 %

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Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.91
Voltage (nom.)	220–240 V
Temperature	
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Frosted
Bulb shape	Others
Approval and Application	
Energy consumption kWh/1,000 hours	25 kWh

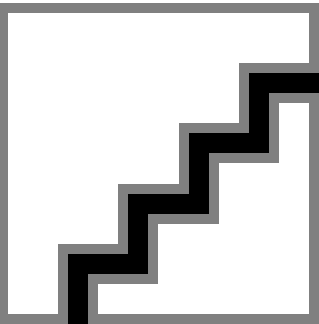
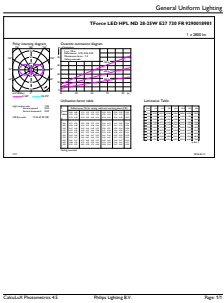
Product Data	
Order product name	TForce LED HPL ND 28-25W E27 730 FR
Full product name	TrueForce LED HPL ND 28-25W E27 730 FR
Full EOC	871869681109200
Order code	81109200
Material no. (12 NC)	929001898102
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718696811092
Numerator – packs per outer box	6
EAN/UPC – Case	8718696811108

Dimensional drawing



Product	D	C
TForce LED HPL ND 28-25W E27 730 FR	84 mm	178 mm

Photometric data

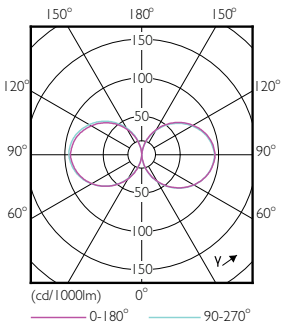


General uniform lighting - TForce LED HPL ND 28-25W E27 730 FR

Spectral Power Distribution Colour - TForce LED HPL ND 28-25W E27 730 FR

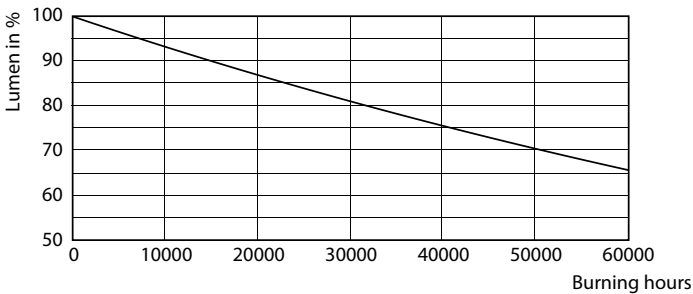
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Photometric data

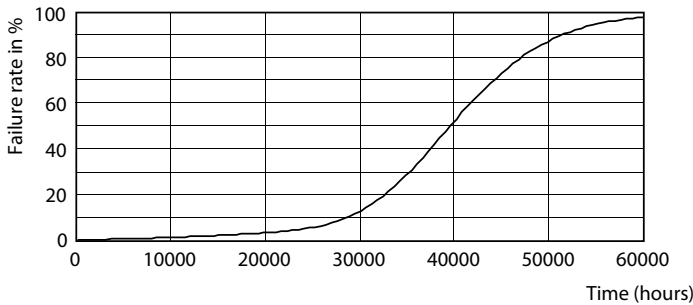


Light Distribution Diagram - TForce LED HPL ND 28-25W E27 730 FR

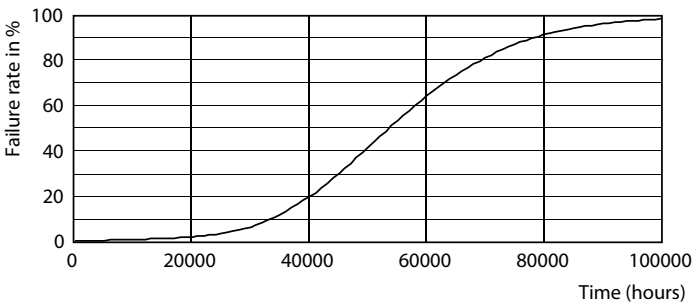
Lifetime



Lumen Maintenance Diagram - TForce LED HPL ND 28-25W E27 730 FR



Life Expectancy Diagram - TForce LED HPL ND 28-25W E27 730 FR



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