



# TrueForce - LED HID HPL

## TForce 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 should always be performed by a qualified electrician or installer. Use the installation guide for instructions

### Product data

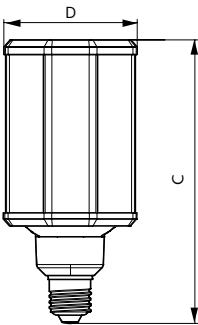
General Information		Color rendering index (CRI)	
Cap-Base	E27 [E27]	70	
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom) 70 %	
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	730 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	360 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	2,800 lm	Power Consumption	25 W
Color Designation	White (WH)	Lamp Current (Nom)	135 mA
Correlated Color Temperature (Nom)	3000 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	112.00 lm/W	Warm-up time to 60% light	0.5 s
Color Consistency	<6	Power Factor (Fraction)	0.91
		Voltage (Nom)	220-240 V

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Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	25 kWh

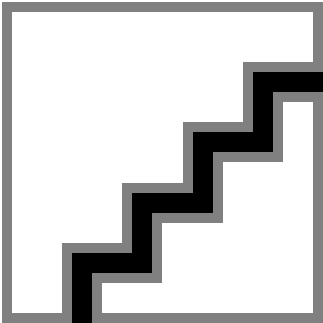
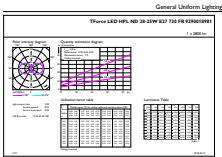
Product Data	
Order product name	TForce LED HPL ND 28-25W E27 730 FR
Full product name	TForce LED HPL ND 28-25W E27 730 FR
Full product code	871869681109200
Order code	929001898102
Material Nr. (12NC)	929001898102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696811092
Numerator - Packs 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

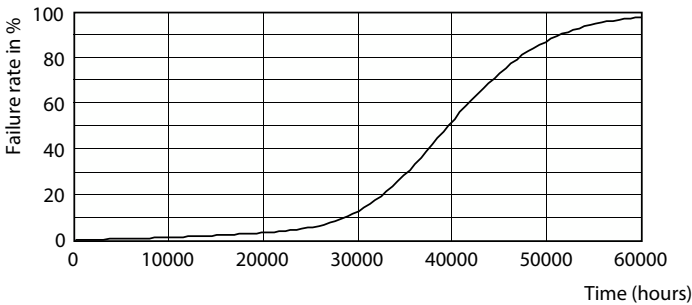
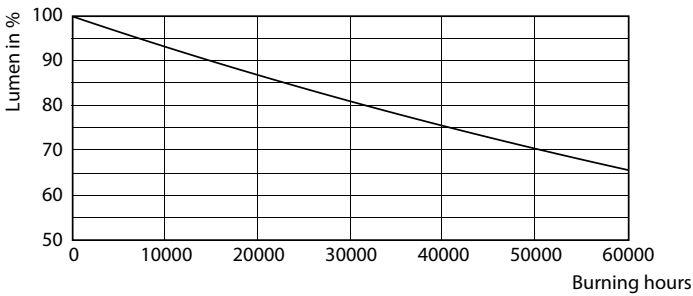
Spectral Power Distribution Colour - TForce LED HPL ND 28-25W E27 730 FR

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Photometric data

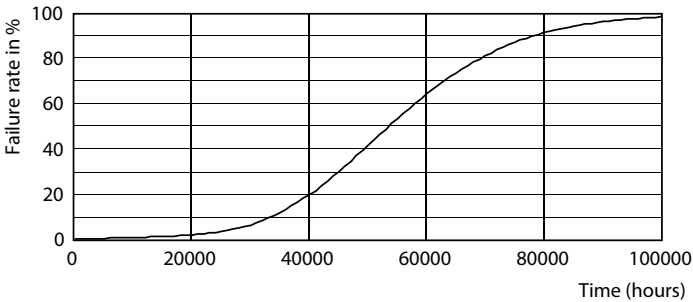
Light Distribution Diagram - TForce LED HPL ND 28-25W E27 730 FR

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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