

TrueForce - LED HID HPL

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

Product data

General Information	
Cap-Base	E27 [E27]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes

Light Technical	
Color Code	730 [CCT of 3000K]
Beam Angle (Nom)	360 degree(s)
Luminous Flux	2,800 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	112.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	25 W
Lamp Current (Nom)	135 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.91
Voltage (Nom)	220-240 V

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Temperature	
T-Case Maximum (Nom)	70 °C

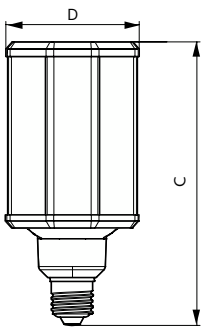
Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	Others

Approval and Application	
Energy Consumption kWh/1000 h	25 kWh

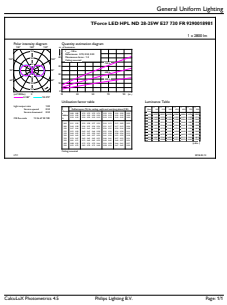
Product Data	
Order product name	TForce LED HPL ND 28-25W E27 730 FR
Full product name	TrueForce LED HPL ND 28-25W E27 730 FR
Full product code	871869681109200
Order code	81109200
Material Nr. (12NC)	929001898102
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696811092
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696811108

Dimensional drawing

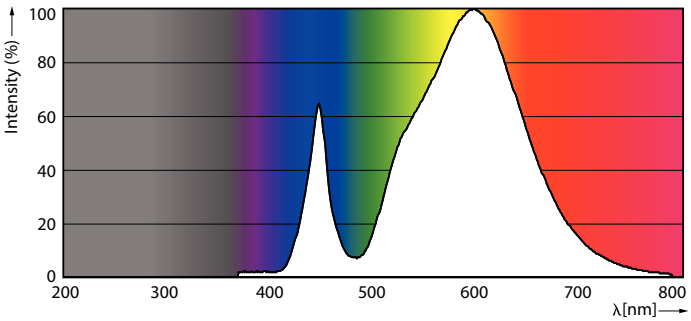


Product	D	C
TForce LED HPL ND 28-25W E27 730 FR	84 mm	178 mm

Photometric data

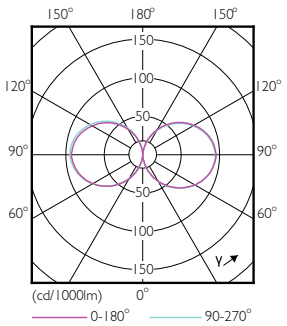


General uniform lighting - TForce LED HPL ND 28-25W E27 730 FR



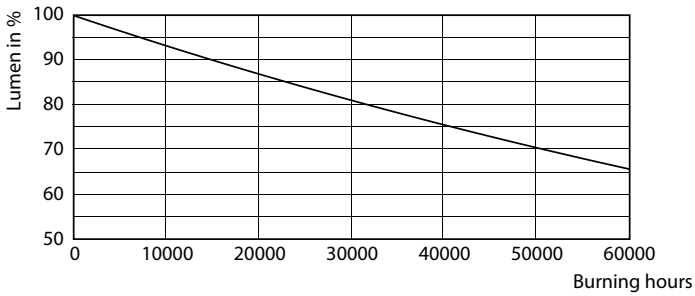
Spectral Power Distribution Colour - TForce LED HPL ND 28-25W E27 730 FR

Photometric data

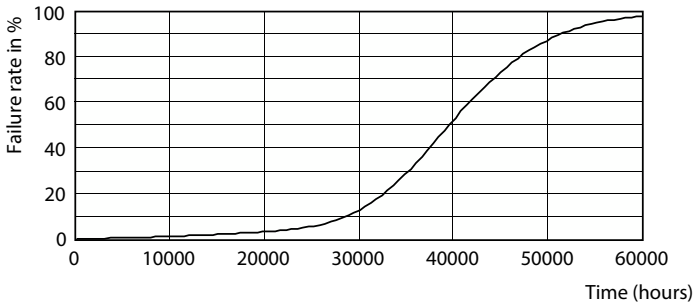


Light Distribution Diagram - TForce LED HPL ND 28-25W E27 730 FR

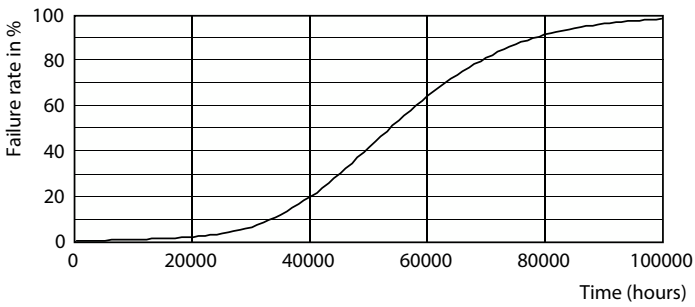
Lifetime



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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www.lighting.philips.com
2023, April 29 - data subject to change