

TrueForce - LED HID HPL

TrueForce LED HPL ND 29-25W E27 740 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	740 [CCT of 4000K]
Beam Angle (Nom)	360 degree(s)
Luminous Flux	2,900 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	116.00 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
Wattage Equivalent	80 W
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

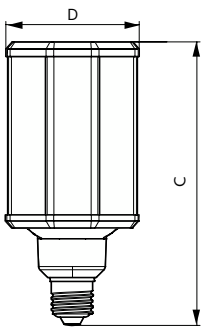
Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	Others

Approval and Application	
Energy Consumption kWh/1000 h	25 kWh

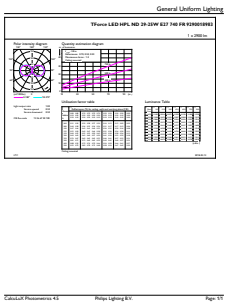
Product Data	
Order product name	TForce LED HPL ND 29-25W E27 740 FR
Full product name	TrueForce LED HPL ND 29-25W E27 740 FR
Full product code	871869681113900
Order code	81113900
Material Nr. (12NC)	929001898302
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696811139
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696811146

Dimensional drawing

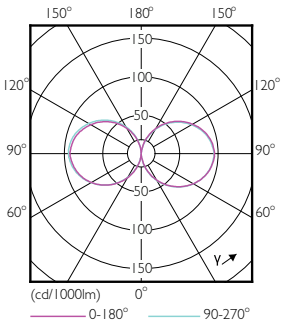


Product	D	C
TForce LED HPL ND 29-25W E27 740 FR	84 mm	178 mm

Photometric data

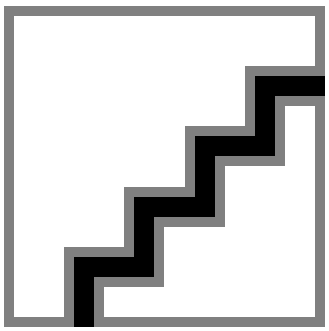


General uniform lighting - TForce LED HPL ND 29-25W E27 740 FR



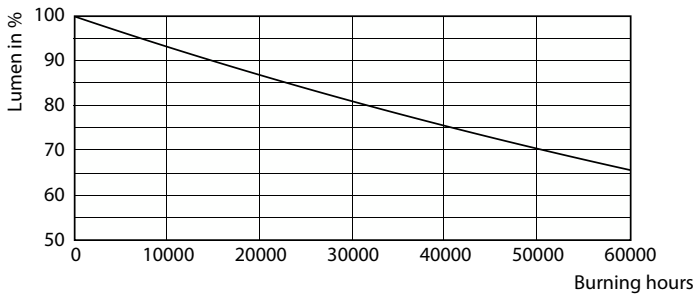
Light Distribution Diagram - TForce LED HPL ND 29-25W E27 740 FR

Photometric data

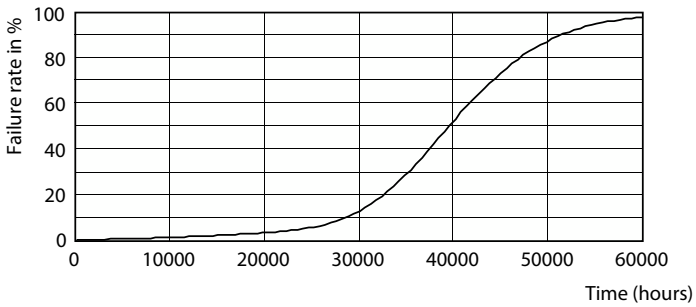


Spectral Power Distribution Colour - TForce LED HPL ND 29-25W E27 740 FR

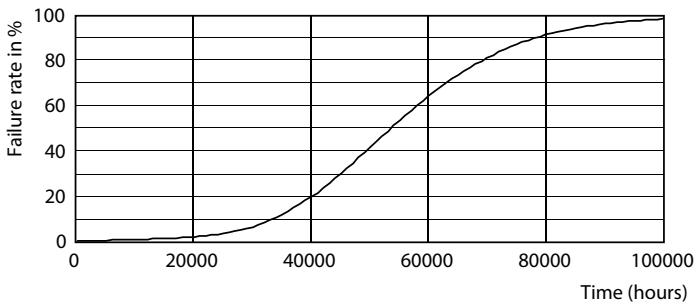
Lifetime



Lumen Maintenance Diagram - TForce LED HPL ND 29-25W E27 740 FR



Life Expectancy Diagram - TForce LED HPL ND 29-25W E27 740 FR



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