



## TForce LED HPL ND 44-33W 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	4,400 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	133.00 lm/W
Color Consistency	<6

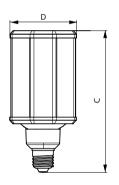
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	33 W
Lamp Current (Nom)	165 mA
Wattage Equivalent	125 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.91
Voltage (Nom)	220-240 V

Datasheet, 2023, April 29 data subject to change

Temperature		
T-Case Maximum (Nom)	80 ℃	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Shape	Others	
Approval and Application		
Energy Consumption kWh/1000 h	33 kWh	

Product Data		
Order product name	TForce LED HPL ND 44-33W E27 740 FR	
Full product name	TForce LED HPL ND 44-33W E27 740 FR	
Full product code	871869681105400	
Order code	929001897902	
Material Nr. (12NC)	929001897902	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718696811054	
Numerator - Packs per outer box	6	
EAN/UPC - Case	8718696811061	

## Dimensional drawing

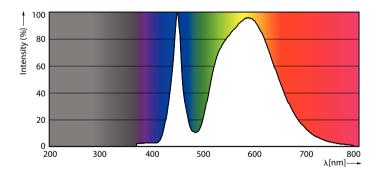


Product	D	С
TForce LED HPL ND 44-33W E27 740 FR	84 mm	178 mm

## Photometric data

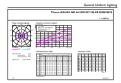


Light Distribution Diagram - TForce LED HPL ND 44-33W E27 740 FR



Spectral Power Distribution Colour - TForce LED HPL ND 44-33W E27 740 FR

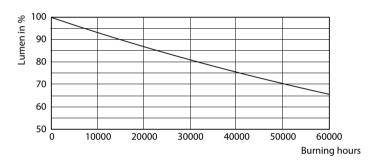
### Photometric data

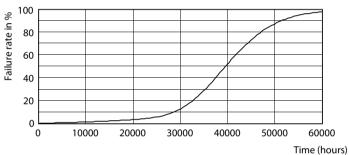


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General uniform lighting - TForce LED HPL ND 44-33W E27 740 FR

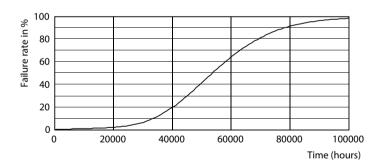
### Lifetime





Lumen Maintenance Diagram - TForce LED HPL ND 44-33W E27 740 FR

Life Expectancy Diagram - TForce LED HPL ND 44-33W E27 740 FR



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