



TrueForce - LED HID HPL

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		Color rendering index (CRI)	
Cap-Base	E27 [E27]	LLMF At End Of Nominal Lifetime (Nom)	70 %
Nominal lifetime	50,000 hour(s)	Operating and Electrical	
Switching Cycle	50,000	Line Frequency	50 to 60 Hz
Lighting Technology	LED	Input Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power Consumption	33 W
Light Technical		Lamp Current (Nom)	165 mA
Color Code	740 [CCT of 4000K]	Wattage Equivalent	125 W
Beam Angle (Nom)	360 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	4,400 lm	Warm-up time to 60% light	0.5 s
Color Designation	Cool White (CW)	Power Factor (Fraction)	0.91
Correlated Color Temperature (Nom)	4000 K	Voltage (Nom)	220-240 V
Luminous Efficacy (rated) (Nom)	133.00 lm/W		
Color Consistency	<6		

TrueForce - LED HID HPL

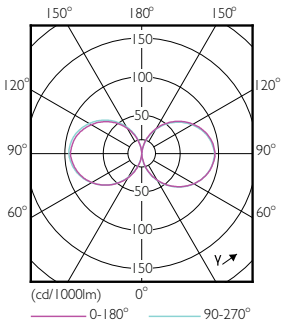
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	33 kWh

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

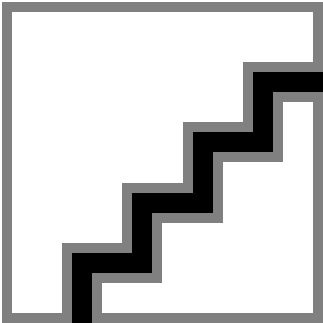
Dimensional drawing

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

Photometric data



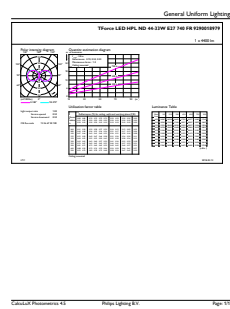
Light Distribution Diagram - TForce LED HPL ND 44-33W E27 740 FR



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

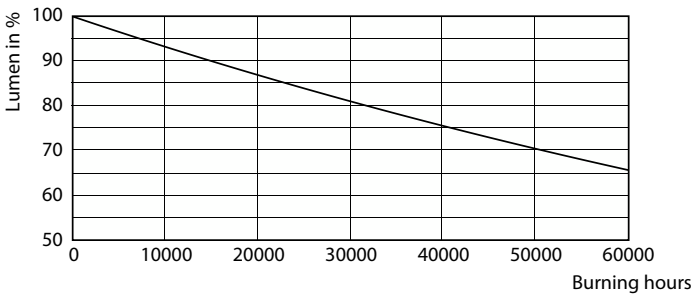
TrueForce - LED HID HPL

Photometric data

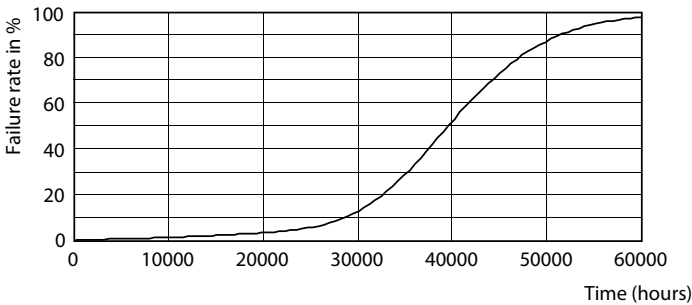


General uniform lighting - TForce LED HPL ND 44-33W E27 740 FR

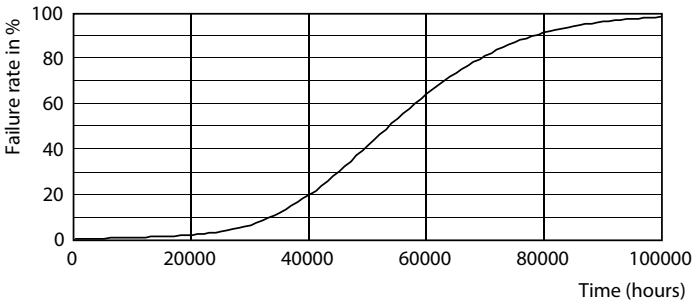
Lifetime



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



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



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

TrueForce - LED HID HPL

