



TrueForce - LED HID HPL

TrueForce 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

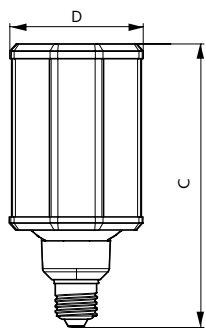
General Information		Color rendering index (CRI)	
Cap-Base	E27 [E27]	70	
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom) 70 %	
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	740 [CCT of 4000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	360 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	4,400 lm	Power Consumption	33 W
Color Designation	Cool White (CW)	Lamp Current (Nom)	165 mA
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	133.33 lm/W	Warm-up time to 60% light	0.5 s
Color Consistency	<6	Power Factor (Fraction)	0.9
		Voltage (Nom)	220-240 V

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

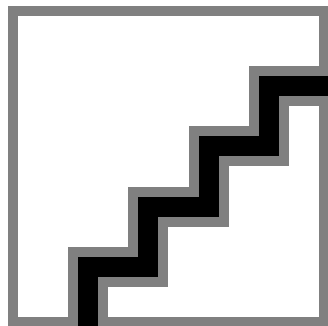
Product Data	
Order product name	TForce LED HPL ND 44-33W E27 740 FR
Full product name	TrueForce LED HPL ND 44-33W E27 740 FR
Full product code	871869668698000
Order code	68698000
Material Nr. (12NC)	929001296502
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696686980
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696686997

Dimensional drawing

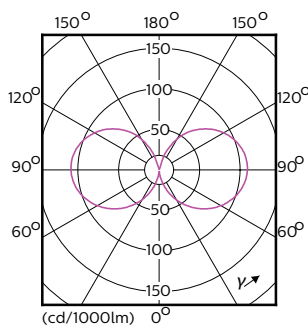


Product	D	C
TForce LED HPL ND 44-33W E27 740 FR	84 mm	178 mm

Photometric data



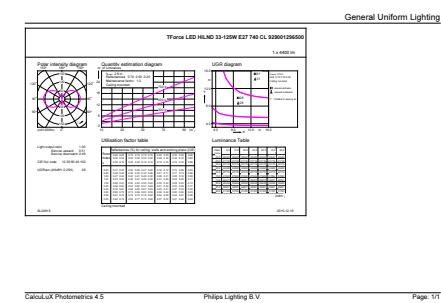
Spectral Power Distribution Colour - TForce LED HPL ND 44-33W E27 740 FR



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

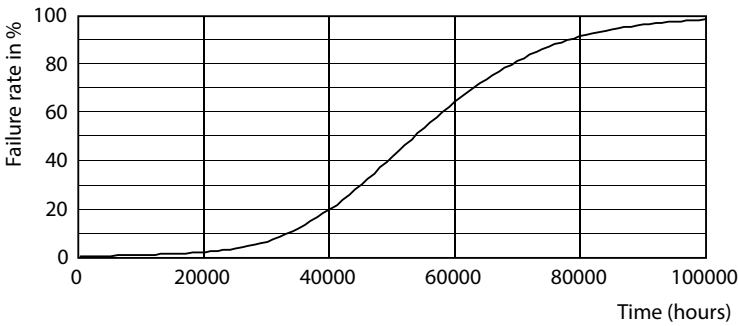
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Photometric data



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

Lifetime



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

