



TrueForce - LED HID HPL

TrueForce LED HPL ND 46-33W E27 730 CL

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

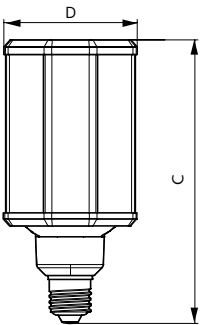
General Information		Color rendering index (CRI)	
Cap-Base	E27 [E27]		70
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Input Frequency	50 to 60 Hz
Light Technical		Power Consumption	33 W
Color Code	730 [CCT of 3000K]	Lamp Current (Nom)	165 mA
Beam Angle (Nom)	360 degree(s)	Wattage Equivalent	125 W
Luminous Flux	4,600 lm	Starting Time (Nom)	0.5 s
Color Designation	White (WH)	Warm-up time to 60% light	0.5 s
Correlated Color Temperature (Nom)	3000 K	Power Factor (Fraction)	0.91
Luminous Efficacy (rated) (Nom)	139.00 lm/W	Voltage (Nom)	220-240 V
Color Consistency	<6		

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

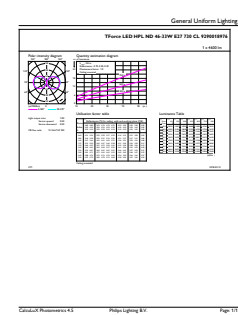
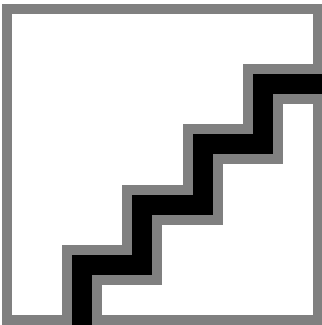
Product Data	
Order product name	TForce LED HPL ND 46-33W E27 730 CL
Full product name	TrueForce LED HPL ND 46-33W E27 730 CL
Full product code	871869681099600
Order code	81099600
Material Nr. (12NC)	929001897602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696810996
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696811009

Dimensional drawing



Product	D	C
TForce LED HPL ND 46-33W E27 730 CL	84 mm	178 mm

Photometric data

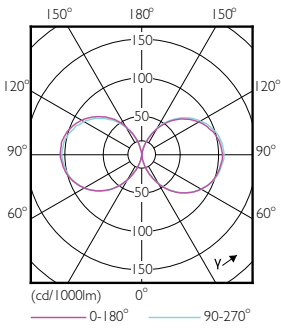


Spectral Power Distribution Colour - TForce LED HPL ND 46-33W E27 730 CL

General uniform lighting - TForce LED HPL ND 46-33W E27 730 CL

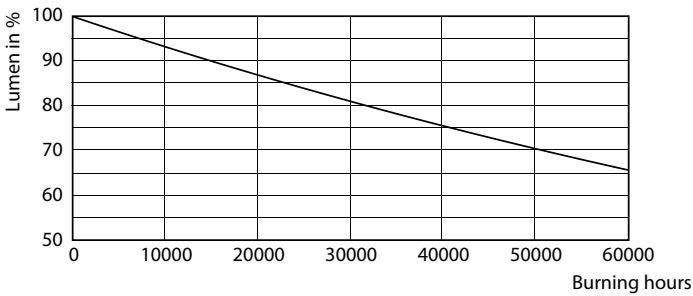
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Photometric data

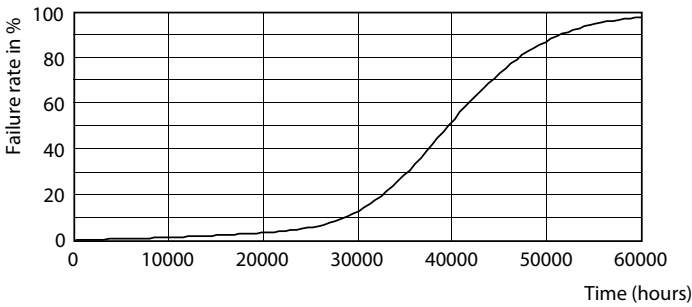


Light Distribution Diagram - TForce LED HPL ND 46-33W E27 730 CL

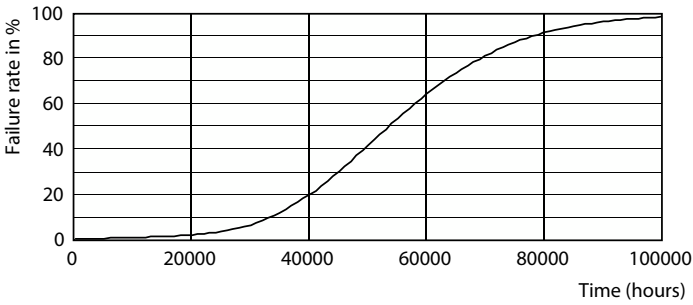
Lifetime



Lumen Maintenance Diagram - TForce LED HPL ND 46-33W E27 730 CL



Life Expectancy Diagram - TForce LED HPL ND 46-33W E27 730 CL



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