



TrueForce - LED HID HPL

TrueForce LED HPL ND 31-25W 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

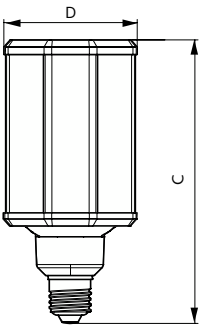
General Information		Color rendering index (CRI)	
Cap-Base	E27 [E27]	70	
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom) 70 %	
Switching Cycle	50,000		
Lighting Technology	LED		
EU RoHS compliant	Yes		
Light Technical		Operating and Electrical	
Color Code	730 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	360 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	3,100 lm	Power Consumption	25 W
Color Designation	White (WH)	Lamp Current (Nom)	135 mA
Correlated Color Temperature (Nom)	3000 K	Wattage Equivalent	80 W
Luminous Efficacy (rated) (Nom)	124.00 lm/W	Starting Time (Nom)	0.5 s
Color Consistency	<6	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	Clear
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	25 kWh

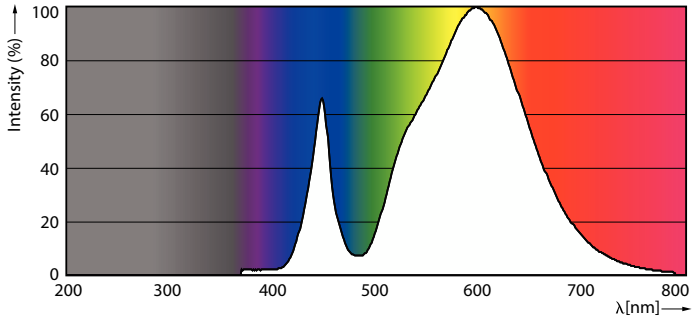
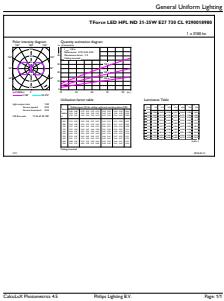
Product Data	
Order product name	TForce LED HPL ND 31-25W E27 730 CL
Full product name	TrueForce LED HPL ND 31-25W E27 730 CL
Full product code	871869681107800
Order code	81107800
Material Nr. (12NC)	929001898002
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696811078
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696811085

Dimensional drawing



Product	D	C
TForce LED HPL ND 31-25W E27 730 CL	84 mm	178 mm

Photometric data

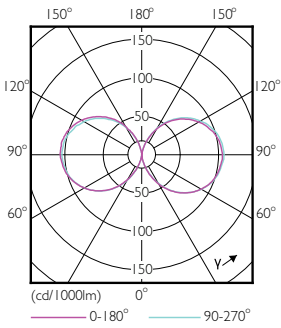


General uniform lighting - TForce LED HPL ND 31-25W E27 730 CL

Spectral Power Distribution Colour - TForce LED HPL ND 31-25W E27 730 CL

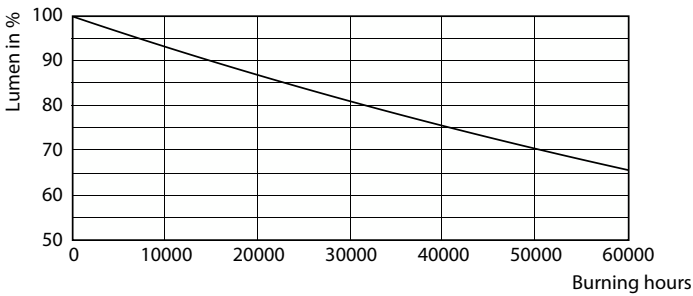
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Photometric data

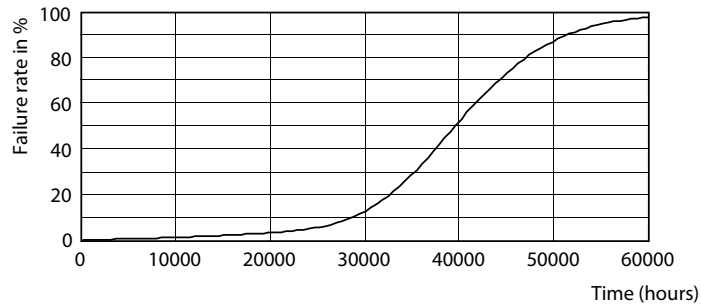


Light Distribution Diagram - TForce LED HPL ND 31-25W E27 730 CL

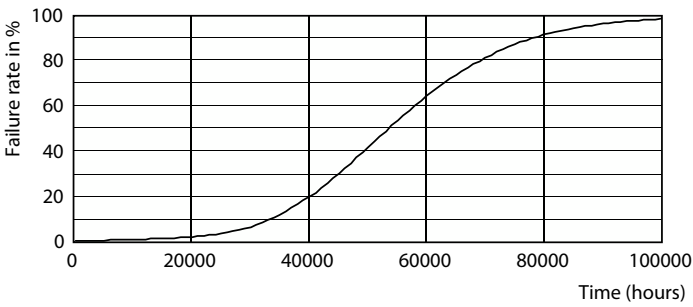
Lifetime



Lumen Maintenance Diagram - TForce LED HPL ND 31-25W E27 730 CL



Life Expectancy Diagram - TForce LED HPL ND 31-25W E27 730 CL



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