



TrueForce LED Public (Urban/Road – HPL/SON)

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 must always be performed by a qualified electrician or installer. Use the installation guide for instructions

Product data

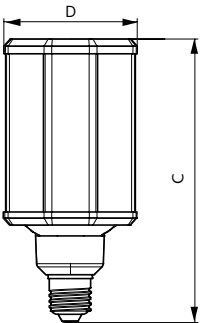
General Information		Operating and Electrical	
Cap base	E27 [E27]	Line Frequency	50 to 60 Hz
Nominal lifetime	50,000 h	Input frequency	50 to 60 Hz
Switching Cycle	50,000	Power Consumption	25 W
Lighting Technology	LED	Lamp current (nom.)	135 mA
EU RoHS compliant	Yes	Wattage equivalent	80 W
Light Technical		Correlated Colour Temperature	3000 K
Colour Code	730 [CCT of 3000K]	Luminous efficacy (rated) (nom.)	124.00 lm/W
Beam angle (nom.)	360 degree(s)	Colour consistency	<6
Luminous Flux	3,100 lm	Colour rendering index (CRI)	70
Colour designation	White (WH)	LLMF at end of nominal lifetime (nom.)	70 %

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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
Temperature	
T-Case maximum (nom.)	70 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	Others

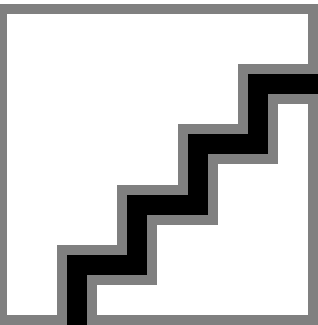
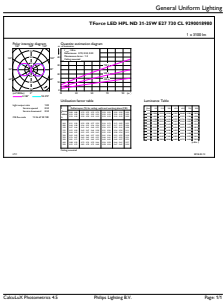
Approval and Application	
Energy consumption kWh/1,000 hours	25 kWh
Product Data	
Order product name	TForce LED HPL ND 31-25W E27 730 CL
Full product name	TrueForce LED HPL ND 31-25W E27 730 CL
Full EOC	871869681107800
Order code	81107800
Material no. (12 NC)	929001898002
SAP numerator – quantity per 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

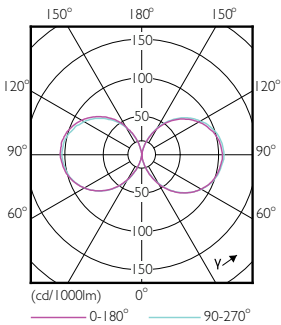


General uniform lighting - TForce LED HPL ND 31-25W E27 730 CL

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

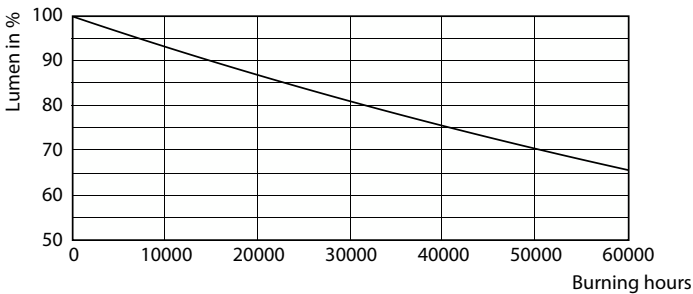
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Photometric data

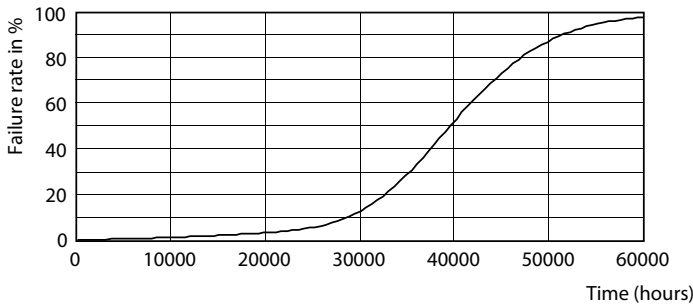


Light Distribution Diagram - TForce LED HPL ND 31-25W E27 730 CL

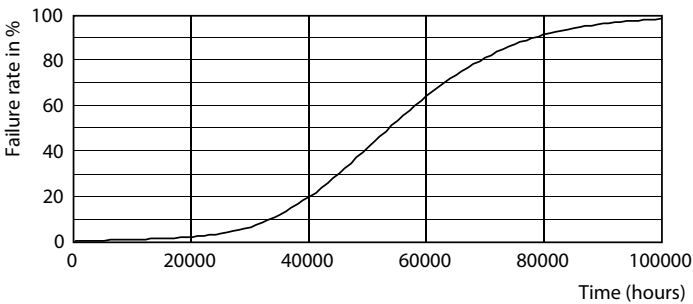
Lifetime



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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