



TrueForce - LED HID HPL

TrueForce LED HPL ND 48-33W E27 740 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	
Cap-Base	E27 [E27]
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	740 [CCT of 4000K]
Beam Angle (Nom)	360 degree(s)
Luminous Flux	4,800 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	145.45 lm/W
Color Consistency	<6

Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	33 W
Lamp Current (Nom)	165 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220-240 V

TrueForce - LED HID HPL

Temperature

T-Case Maximum (Nom)	80 °C
----------------------	-------

Controls and Dimming

Dimmable	No
----------	----

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Others

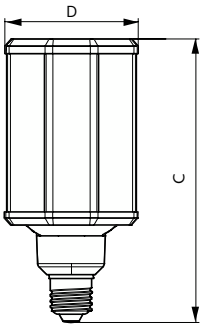
Approval and Application

Suitable For Accent Lighting	No
Energy Consumption kWh/1000 h	33 kWh

Product Data

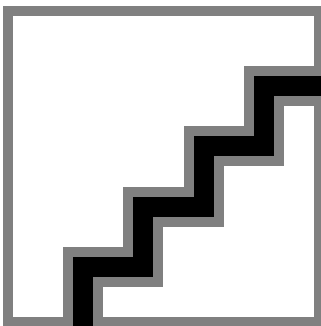
Order product name	TForce LED HPL ND 48-33W E27 740 CL
Full product name	TrueForce LED HPL ND 48-33W E27 740 CL
Full product code	871869668696600
Order code	68696600
Material Nr. (12NC)	929001296402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696686966
Numerator - Packs per outer box	6
EAN/UPC - Case	8718696686973

Dimensional drawing

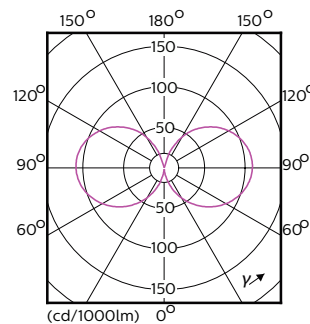


Product	D	C
TForce LED HPL ND 48-33W E27 740 CL	84 mm	178 mm

Photometric data



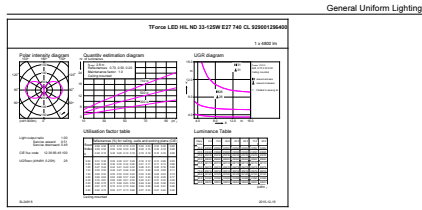
Spectral Power Distribution Colour - TForce LED HPL ND 48-33W E27 740 CL



Light Distribution Diagram - TForce LED HPL ND 48-33W E27 740 CL

TrueForce - LED HID HPL

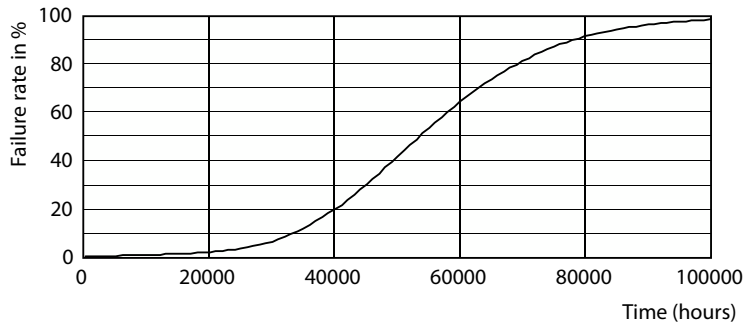
Photometric data



CalcLux Photometrics 4.8 Philips Lighting B.V. Page: 1/1

General uniform lighting - TForce LED HPL ND 48-33W E27 740 CL

Lifetime



Life Expectancy Diagram - TForce LED HPL ND 48-33W E27 740 CL

