



TrueForce - LED HID HPL

TForce 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		Color rendering index (CRI)	
Cap-Base	E27 [E27]	LLMF At End Of Nominal Lifetime (Nom)	70 %
Nominal lifetime	50000 hour(s)	Operating and Electrical	
Switching Cycle	50000	Line Frequency	50 to 60 Hz
Lighting Technology	LED	Input Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Power Consumption	33 W
Light Technical		Lamp Current (Nom)	165 mA
Color Code	740 [CCT of 4000K]	Starting Time (Nom)	0.5 s
Beam Angle (Nom)	360 degree(s)	Warm-up time to 60% light	0.5 s
Luminous Flux	4800 lm	Power Factor (Fraction)	0.9
Color Designation	Cool White (CW)	Voltage (Nom)	220-240 V
Correlated Color Temperature (Nom)	4000 K		
Luminous Efficacy (rated) (Nom)	145.45 lm/W		
Color Consistency	<lt/>6		

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Temperature

T-Case Maximum (Nom)	80 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
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Bulb Shape	Others
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Approval and Application

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

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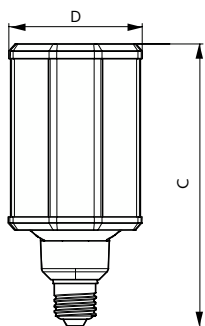
Numerator - Quantity Per Pack	1
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EAN/UPC - Product/Case	8718696686966
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Numerator - Packs per outer box	6
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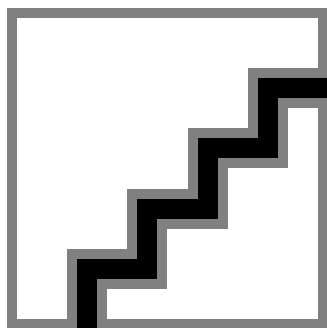
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Dimensional drawing

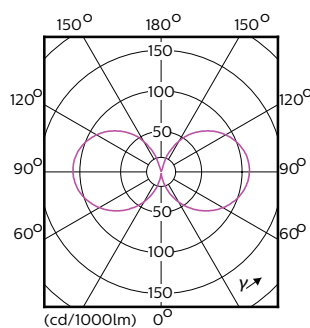


Product	D	C
TForce LED HPL ND 48-33W E27 740 CL	84 mm	178 mm

Photometric data



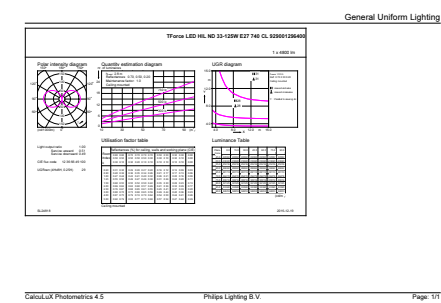
Spectral Power Distribution Colour - TForce LED HPL ND 48-33W E27 740 CL



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

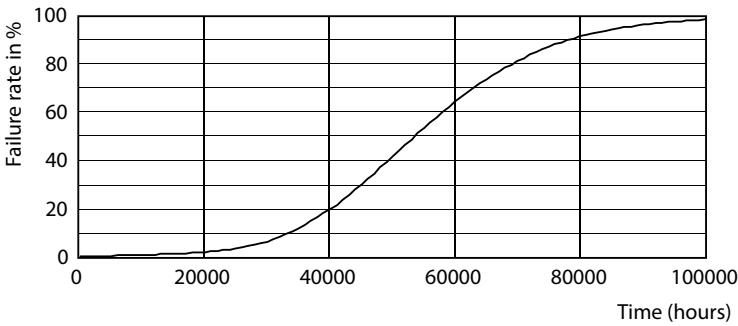
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Photometric data



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

