



TrueForce - LED HID HPL



TForce LED HPL ND 30-21W E27 840

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
Flux measurement reference	Sphere
CE mark	Yes
EU RoHS compliant	Yes
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	360 degree(s)
Luminous Flux	3,000 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K

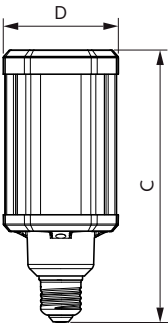
Luminous Efficacy (rated) (Nom)	142 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	21 W
Lamp Current (Nom)	95 mA
Wattage Equivalent	50 W
Starting Time (Nom)	0.45 s
Warm-up time to 60% light	0.45 s
Power Factor (Fraction)	0.95

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Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Maximum (Nom)	55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and Application	
Energy Efficiency Class	D

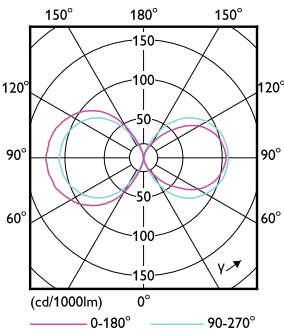
Energy Consumption kWh/1000 h	21 kWh
EPREL Registration Number	403569
Product Data	
Full product code	871869963816000
Order product name	TForce LED HPL ND 30-21W E27 840
Order code	929002006202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002006202
Full product name	TForce LED HPL ND 30-21W E27 840
EAN/UPC - Case	8718699638177
EAN/UPC - Product/Case	8718699638160

Dimensional drawing

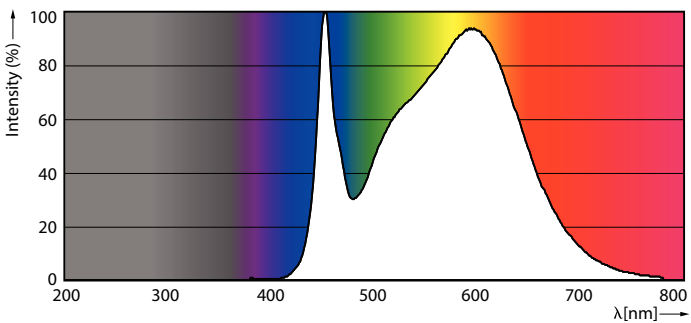


Product	D	C
TForce LED HPL ND 30-21W E27 840	75 mm	178 mm

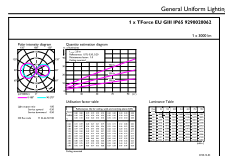
Photometric data



Light Distribution Diagram - TForce LED HPL ND 30-21W E27 840

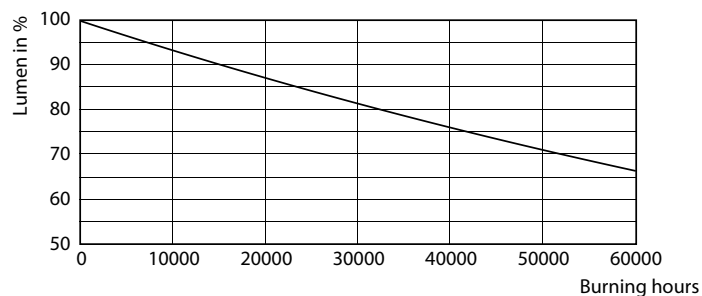
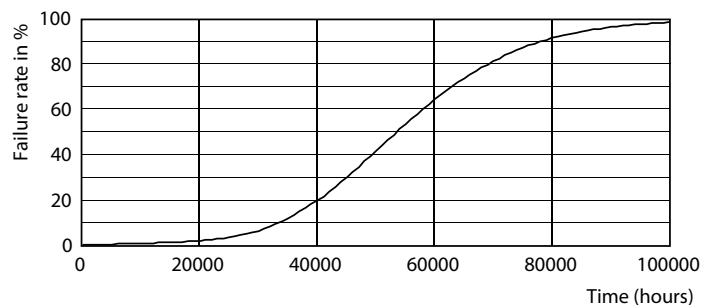


Spectral Power Distribution Colour - TForce LED HPL ND 30-21W E27 840



Cellulose Phosphates 4.5	Polysulfone 6.5	Form 7
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Lifetime



Lumen Maintenance Diagram - TForce LED HPL ND 30-21W E27 840

