



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

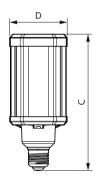
Datasheet, 2023, October 9 data subject to change

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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	

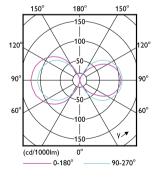
Energy Consumption kWh/1000 h	21 kWh
EPREL Registration Number	403569
Product Data	
Full product code	871869963816000
Order product name	TForce LED HPL ND 30-21W E27 840
Order code	929002006202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002006202
Full product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

Dimensional drawing

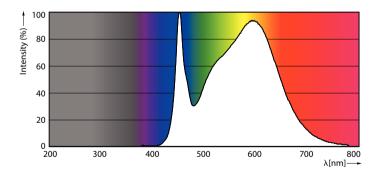


Product	D	С
TForce LED HPL ND 30-21W E27 840	75 mm	178 mm

Photometric data



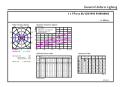
Light Distribution Diagram - TForce LED HPL ND 30-21W E27 840



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

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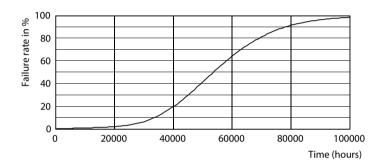
Photometric data

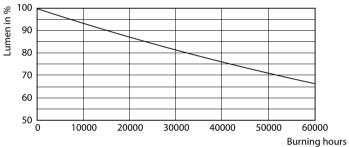


Caral Management Base (see St.)

General uniform lighting - TForce LED HPL ND 30-21W E27 840

Lifetime





Life Expectancy Diagram - TForce LED HPL ND 30-21W E27 840

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



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