



TrueForce - LED HID HPL

TForce LED HPL ND 40-28W 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

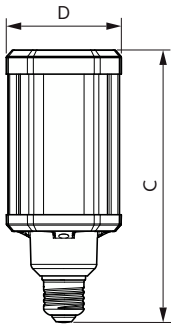
General Information		Color rendering index (CRI)	
Cap-Base	E27 [E27]		80
Nominal lifetime	50,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
Flux measurement reference	Sphere	Input Frequency	50 to 60 Hz
Light Technical		Power Consumption	28 W
Color Code	840 [CCT of 4000K]	Lamp Current (Nom)	125 mA
Beam Angle (Nom)	360 degree(s)	Wattage Equivalent	80 W
Luminous Flux	4,000 lumen	Starting Time (Nom)	0.45 s
Color Designation	Cool White (CW)	Warm-up time to 60% light	0.45 s
Correlated Color Temperature (Nom)	4000 K	Power Factor (Fraction)	0.95
Luminous Efficacy (rated) (Nom)	142 lm/W	Voltage (Nom)	220-240 V
Color Consistency	<6		

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Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Maximum (Nom)	60 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	28 kWh
EPREL Registration Number	403,571

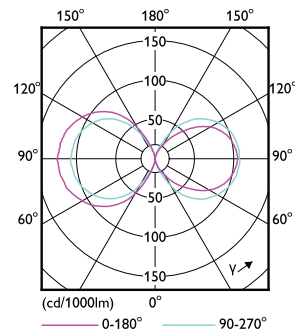
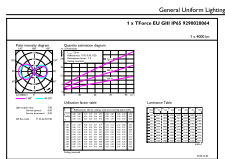
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871869963820700
Order product name	TForce LED HPL ND 40-28W E27 840
Order code	929002006402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002006402
Full product name	TForce LED HPL ND 40-28W E27 840
EAN/UPC - Case	8718699638214

Dimensional drawing



Product	D	C
TForce LED HPL ND 40-28W E27 840	75 mm	178 mm

Photometric data



Light Distribution Diagram - TForce LED HPL ND 40-28W E27 840

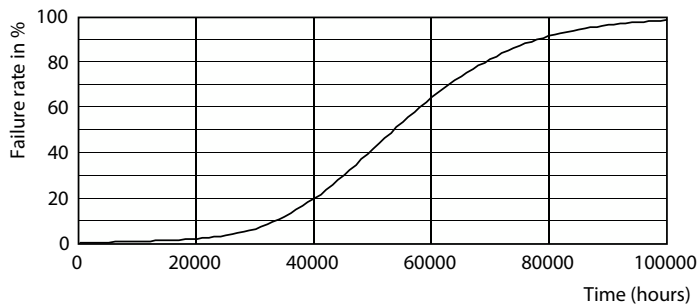
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Photometric data

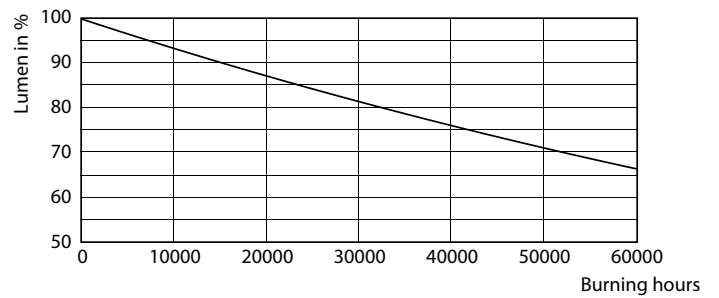


Spectral Power Distribution Colour - TForce LED HPL ND 40-28W E27 840

Lifetime



Life Expectancy Diagram - TForce LED HPL ND 40-28W E27 840



Lumen Maintenance Diagram - TForce LED HPL ND 40-28W E27 840

