



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

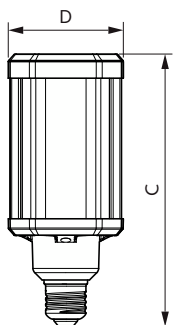
General Information		Operating and Electrical	
Cap-Base	E27 [E27]	Luminous Efficacy (rated) (Nom)	142 lm/W
Nominal lifetime	50,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
Flux measurement reference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

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Voltage (Nom)	220-240 V
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 Efficiency Class	D

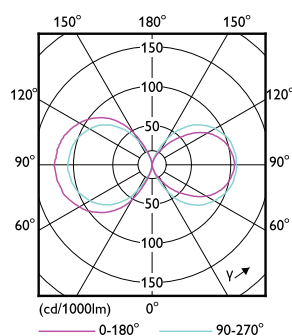
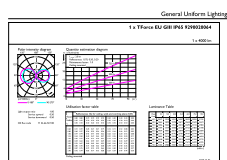
Energy Consumption kWh/1000 h	28 kWh
EPREL Registration Number	403571
Product Data	
Full product code	871869963820700
Order product name	TForce LED HPL ND 40-28W E27 840
Order code	929002006402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002006402
Full product name	TForce LED HPL ND 40-28W E27 840
EAN/UPC - Case	8718699638214
EAN/UPC - Product/Case	8718699638207

Dimensional drawing



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

Photometric data

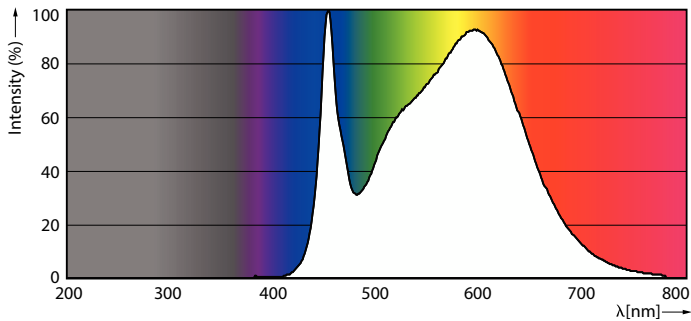


General uniform lighting - TForce LED HPL ND 40-28W E27 840

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

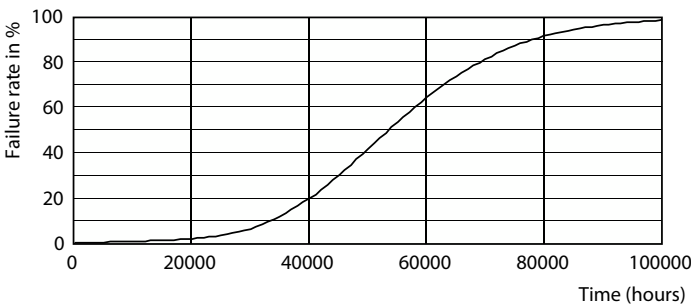
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Photometric data

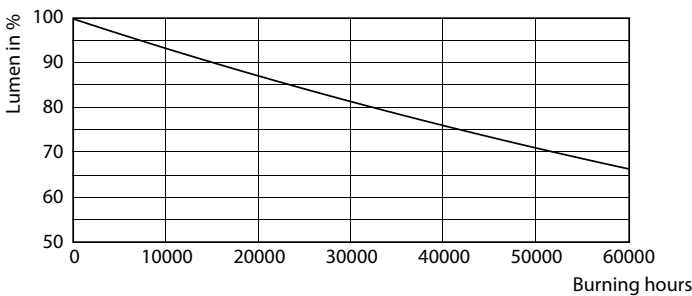


Spectral Power Distribution Colour - TForce LED HPL ND 40-28W E27 840

Lifetime



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



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

