

PHILIPS

Lighting



TrueForce LED Public (Urban/Road – HPL/SON)



TrueForce 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	
Cap-Base	E27 [E27]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000
Technical Type	28-125W
Flux measurement reference	Sphere
Light technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	360 °
Luminous Flux (Nom)	4000 lm

Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	142 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	28 W
Lamp Current (Nom)	125 mA
Wattage Equivalent	80 W

TrueForce LED Public (Urban/Road – HPL/SON)

Starting Time (Nom)	0.45 s
Warm Up Time to 60% Light (Nom)	0.45 s
Power Factor (Nom)	0.95
Voltage (Nom)	220-240 V

Temperature

T-Ambient (Max)	55 °C
T-Ambient (Min)	-40 °C
T-Case Maximum (Nom)	60 °C

Controls and dimming

Dimmable	No
----------	----

Mechanical and housing

Bulb Finish	Clear
Bulb Shape	Others

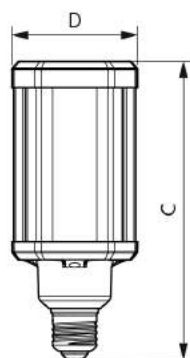
Approval and application

Energy Efficiency Class	D
Energy Consumption kWh/1000 h	28 kWh
EPREL Registration Number	403571

Product data

Full product code	871869963820700
Order product name	TrueForce LED HPL ND 40-28W E27 840
EAN/UPC - Product	8718699638207
Order code	929002006402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002006402
Net Weight (Piece)	0.365 kg

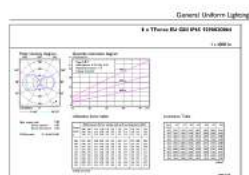
Dimensional drawing



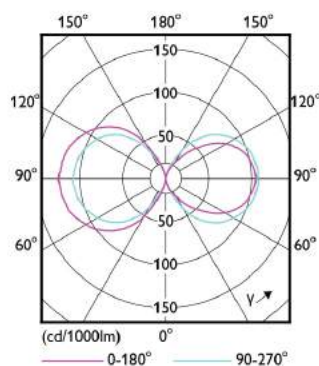
TrueForce LED HPL ND 40-28W E27 840

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

Photometric data

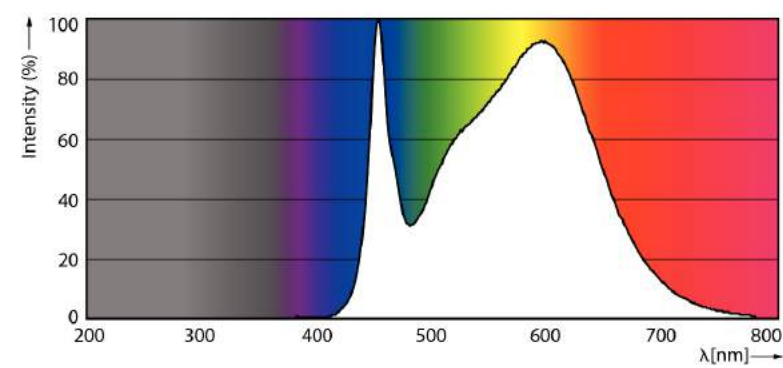


LEDTrueForce E27 28W 4000K



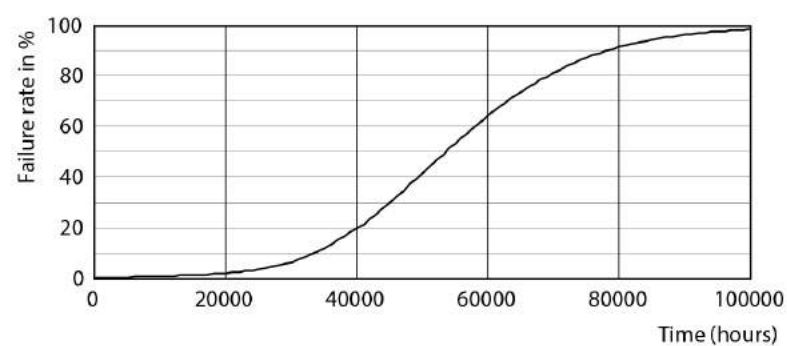
LEDTrueForce E27 360

Photometric data

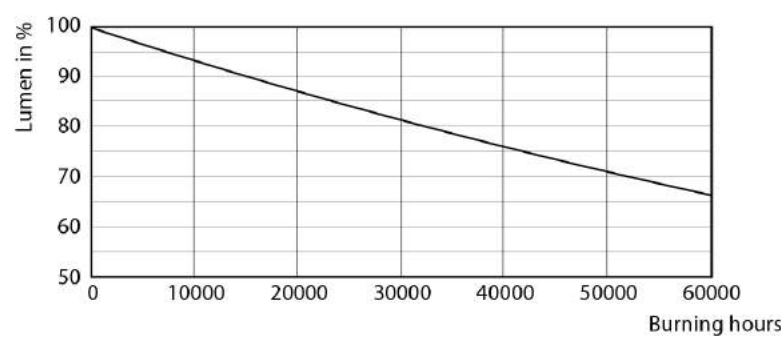


LEDTrueForce E27 28W 4000K

Lifetime



LEDTrueForce Others 360



LEDTrueForce Others 360

