# **PHILIPS** Lighting



# TrueForce - LED HID HPL

## TForce LED HPL ND 60-42W E40 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**

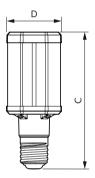
eral Information		Color rendering index (CRI)	80
p-Base	E40 [E40]	LLMF At End Of Nominal Lifetime (Nom)	70 %
ominal lifetime	50,000 hour(s)		
vitching Cycle	50,000	Operating and Electrical	
ghting Technology	LED	Line Frequency	50 to 60 Hz
lux measurement reference	Sphere	Input Frequency	50 to 60 Hz
		Power Consumption	42 W
ight Technical		Lamp Current (Nom)	186 mA
olor Code	840 [CCT of 4000K]	Wattage Equivalent	125 W
eam Angle (Nom)	360 degree(s)	Starting Time (Nom)	0.45 s
uminous Flux	6,000 lumen	Warm-up time to 60% light	0.45 s
olor Designation	Cool White (CW)	Power Factor (Fraction)	0.95
orrelated Color Temperature (Nom)	4000 K	Voltage (Nom)	220-240 V
minous Efficacy (rated) (Nom)	142 lm/W		
lor Consistency	<6		

### **TrueForce - LED HID HPL**

Temperature	
Ambient temperature range	-40 °C to 55 °C
T-Case Maximum (Nom)	65 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	42 kWh
EPREL Registration Number	403,606

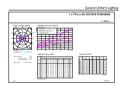
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871869963828300
Order product name	TForce LED HPL ND 60-42W E40 840
Order code	929002006802
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002006802
Full product name	TForce LED HPL ND 60-42W E40 840
EAN/UPC - Case	8718699638290

#### Dimensional drawing

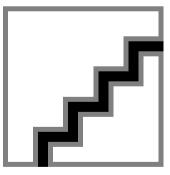


Product	D	с
TForce LED HPL ND 60-42W E40 840	84 mm	191 mm

#### Photometric data



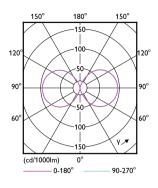
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Spectral Power Distribution Colour - TForce LED HPL ND 60-42W E40 840

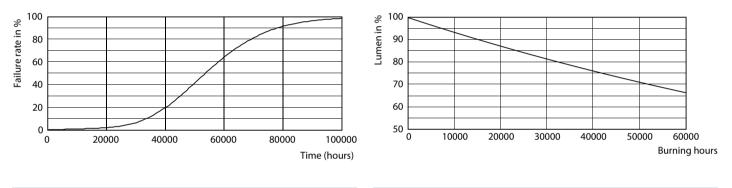
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#### Photometric data



Light Distribution Diagram - TForce LED HPL ND 60-42W E40 840

#### Lifetime



Life Expectancy Diagram - TForce LED HPL ND 60-42W E40 840

Lumen Maintenance Diagram - TForce LED HPL ND 60-42W E40 840



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