



The best LED replacement for HID HPL and SON post-top lamps with TrueForce LED

TrueForce - LED HID HPL

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.

Benefits

- Cost savings for a quick payback
- Easy way to enhance light quality
- High energy efficiency

Features

- Long lifetime of 50,000 hours
- Right size and light distribution for direct retrofits
- Lightweight
- Up to 4KV surge protection

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Application

- Road and street
- Parking garages
- Parks and plazas

Warnings and Safety

- Installation should always be performed by a qualified electrician or installer. Use the installation guide for instructions
- Link to Ballast – igniter compatibility list https://www.assets.signify.com/is/content/Signify/Assets/philips-lighting/global/HIDLED-EU-compatibility-list-professional.pdf

Versions

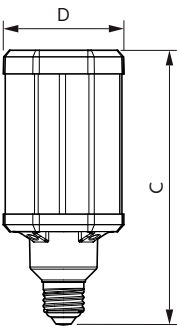
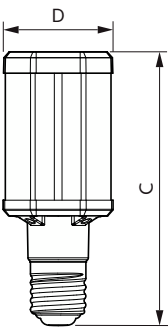


LEDTrueForce Others E40



LEDTrueForce Others E27 42W

Dimensional drawing



Product	D	C
TForce LED HPL ND 57-42W E40 830	84 mm	191 mm

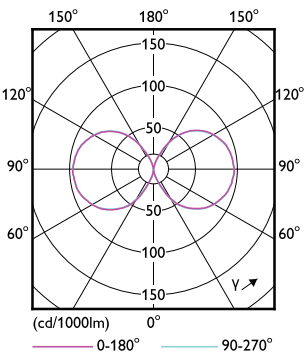
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General Information	
Switching Cycle	50,000
Nominal lifetime	50,000 hour(s)
Light Technical	
Beam Angle (Nom)	360 degree(s)
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	80
Color Code	830
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux	5,700 lm
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	42 W
Starting Time (Nom)	0.45 s
Temperature	
Ambient temperature range	-30 to +45 °C
T-Case Maximum (Nom)	65 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and Application	
Energy Consumption kWh/1000 h	42 kWh

General Information

Order Code	Full Product Name	Cap-Base
929002006702	TForce LED HPL ND 57-42W E40 830	E40
929002006502	TForce LED HPL ND 57-42W E27 830	E27



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