PHILIPS Lighting



The best LED replacement for HID HPL and SON posttop 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

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

Features

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

TrueForce - LED HID HPL

Application

- \cdot 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

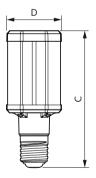


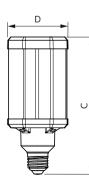


LEDTrueForce Others E27 42W

LEDTrueForce Others E40

Dimensional drawing





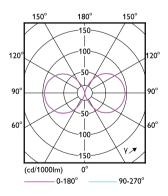
Product	D	с
TForce LED HPL ND 57-42W E40 830	84 mm	191 mm

Product	D	С
TForce LED HPL ND 57-42W E27 830	84 mm	178 mm

TrueForce - LED HID HPL

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	70 %	
(Nom)		
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

TrueForce - LED HID HPL



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www.lighting.philips.com 2023, October 25 - data subject to change