



# For your everyday lighting jobs, the new LED HPL solution for HID lamp replacement

## Corepro - LED HID HPL

Philips TrueForce Core LED HPL lamps are an easy, LED solution with a short pay-back to replace High Intensity Discharge (HID) lamps. This new generation of LED Core Post-Top lamps brings all the energy-efficiency and long-lifetime benefits of LED to HID replacement, while delivering instant saving for a low initial investment. Furthermore, TrueForce CorePro LED HPL lamps are designed to have the same lamp size and light distribution as their HID alternatives. And thanks to our high-power LED filament technology, you'll never know the difference. Plus, their unique IP65 design means that TrueForce Core LED HPL Post-Top lamps can be used for outdoor, as well as indoor applications.

### Benefits

- A similar look and feel to conventional HID SON/HPL lamps
- Perfect fit in HID luminaires with mains connection
- IP65 design suitable for outdoor applications with IP rated base caps

### Features

- High Energy efficient lamps
- Long lifetime - 25,000 hrs
- Surge protection 2KV
- Pleasant white light with CRI 80
- Omnidirectional light around lamp, Frosted glass finish, uniform light distribution
- Additional Energy saving by Direct Mains connection
- IP65 product (IP-rated sockets required for outdoor applications)
- Right size and light distribution for retrofit

# Corepro - LED HID HPL

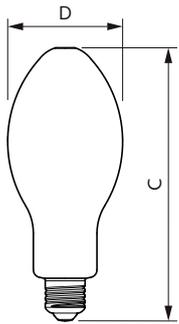
## Application

- 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.

## Dimensional drawing



Product	D	C
TForce Core LED HPL 18W E27 830 FR	76 mm	183 mm
TForce Core LED HPL 18W E27 840 FR	76 mm	183 mm

# Corepro - LED HID HPL

## General Information

Cap-Base	E27
Switching Cycle	50,000
Nominal lifetime	25,000 hour(s)

## Light Technical

Beam Angle (Nom)	300 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux	3,000 lm

## Operating and Electrical

Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	18 W
Starting Time (Nom)	0.5 s

## Temperature

T-Case Maximum (Nom)	43.2 °C
----------------------	---------

## Controls and Dimming

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

## Mechanical and Housing

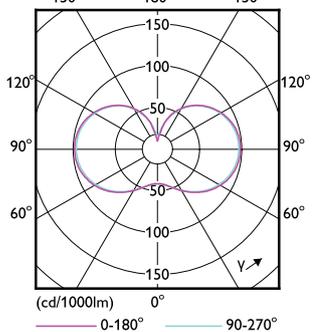
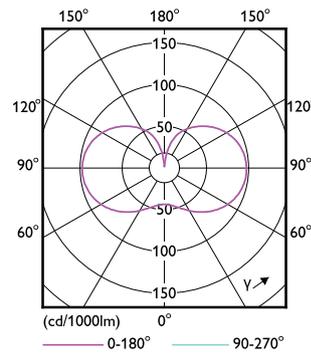
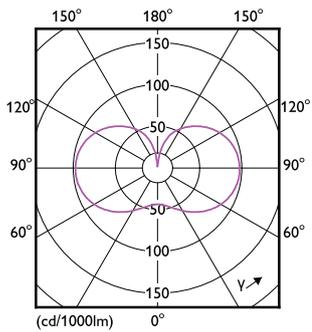
Bulb Finish	Frosted
Bulb Shape	ED75

## Approval and Application

Ambient temperature range	-30 to +45 °C
Energy Consumption kWh/1000 h	18 kWh

## Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code
929002349902	TForce Core LED HPL 18W E27 830 FR	3000 K	830
929002350002	TForce Core LED HPL 18W E27 840 FR	4000 K	840



## Corepro - LED HID HPL

