



# Real pros replace HID with WOW

Discover Philips CorePro LED HID HPL lamps —  
the perfect fit LED solution for HID lamp replacement

Philips CorePro LED HID HPL lamps offer an easy and short payback solution to replace High Intensity Discharge (HID) lamps. They bring all the energy efficiency and long-life benefits of LED to HID replacement, while providing instant saving and low initial investment. Philips CorePro LED HID HPL lamps are designed with an optimal lamp size and light distribution in a familiar look and feel with conventional HID lamps. Their unique high-power LED filament technology in a full glass bulb makes it possible. What's more, their special IP65 design means they can easily be retrofitted for outdoor and indoor applications.



## Unique in the market

- ✓ Technology: **Patented high-power LED filament**
  - High light output
  - High efficiency
  - Uniform light distribution
- ✓ Design: **Unique glass housing design**
  - Similar look and feel as conventional HID
  - "PerfectFit" in existing HID luminaires
  - Suitable for indoor/outdoor application

## Why?

- Up to 6,000 lm
- Up to 166 lm/W
- LED filament, light all around
- Frosted glass finish
- Designed according to HID size
- IP65 design



ED75  
2,000/3,000 lm

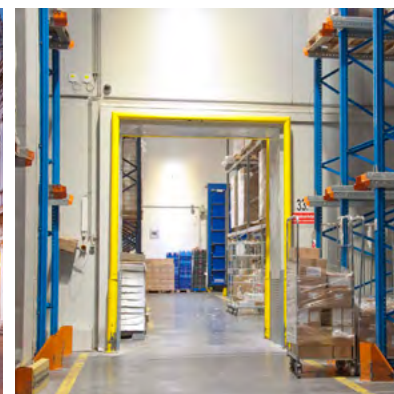
ED90  
4,000/6,000 lm

## Applications

- ✓ Public streets and roads
- ✓ Parks, squares and general public areas
- ✓ Industrial buildings and warehouses



\* For warranty conditions, visit  
[www.lighting.philips.com/main/support/support/warranty](http://www.lighting.philips.com/main/support/support/warranty)



## Perfect fit with existing HID luminaires

- Compact size
- Designed according to HID lamp size
- Low weight
- Compatible with direct mains only

## Suitable for indoor and outdoor applications

- -20 to 45°C operation temperature
- IP65
- Surge protection 2KV



## Outstanding light quality

- High-power LED filament design for better light quality and uniformity
- High color rendering index (CRI80)
- High lumen packages: 2000 lm/3000 lm/4000 lm/5000 lm/6000 lm
- 2700K/3000K/4000K CCT
- Long lifetime of 25,000 hrs

## LED HID glass range replacements



Product type	13W E27	18W E27	22.4W E27	36W E27	36W E40
<b>CorePro LED HID HPL</b>					
HPL 50W E27	X				
HPL 80W E27	O	X			
HPL 125W E27			O	X	
HPL 150W E27/E40					O
SON 50W E27		O	X		
SON 70W E27			O	X	

True replacement (X) means initial effect/lumen of LED lamp is comparable to conv. HID  
Avg. equivalence (O) means the average effect/lumen of LED lamp during the life comparable to conv. HID

## Order information



Product type	Power	Lumen output	Efficacy	Base	CRI	Color temp.	Lifetime	EEL	EOC code
<b>CorePro LED HID HPL</b>	<b>W</b>	<b>lm</b>	<b>lm/W</b>			<b>K</b>	<b>hrs.</b>		
13W E27 827 FR	13	1,800	138	E27	80	2700	25,000	D	872016926777000
13W E27 830 FR		2,000	153			3000		D	871869975025100
13W E27 840 FR		2,000	153			4000		D	871869975027500
18W E27 827 FR	18	2,600	144			2700		D	872016926779400
18W E27 830 FR		3,000	166			3000		C	871869975029900
18W E27 840 FR		3,000	166			4000		C	871869975031200
24.5W E27 827 FR	24.5	3,600	146			2700		D	872016933631500
24.5W E27 830 FR		4,000	163			3000		C	872016933633900
24.5W E27 840 FR		4,000	163			4000		C	872016933635300
36W E27 827 FR	36	5,300	147			2700		D	872016926783100
36W E27 830 FR		5,500	152			3000		D	871951429927600
36W E27 840 FR		6,000	166			4000		C	871951429929000
36W E40 827 FR		5,300	147	2700	D	872016926785500			
36W E40 830 FR		5,500	152	3000	D	871951429931300			
36W E40 840 FR		6,000	166	4000	C	871951429933700			

