

PHILIPS

Public lighting

TrueForce Core LED



Real pros replace HID with WOW.

Discover the new Philips TrueForce Core LED HPL lamps – the perfect fit LED solution for HID lamp replacement.

The new **Philips TrueForce Core LED 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. **PerfectFit:** Philips TrueForce Core LED HPL is designed with an optimal lamp size and light distribution in a familiar look & feel with conventional HID lamps. Its 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**.

**REAL
PROs**
**REAL
QUALITY**

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 & feel as conventional HID
 - "PerfectFit" in existing HID luminaires
 - Suitable for indoor/outdoor application

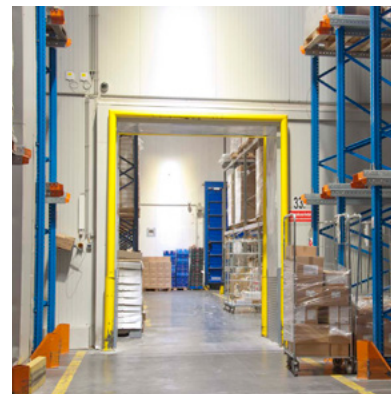
Why?

- Up to 6000 lm
- Up to 166 lm/W
- LED filament, light all around
- Frosted glass finish
- Designed according to HID size
- IP65 design



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

The TrueForce Core LED HPL up close

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

- ✓ -20-45°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: 2000/3000/4000/5000/6000lm
- ✓ 3000/4000K CCT
- ✓ Long lifetime of 25,000hrs

LED HID glass range replacements



Product Type	13W E27	18W E27	26W E27	36W E27/E40
TrueForce Core LED				
HPL 50W E27	○	×		
HPL 80W E27		○	×	
HPL 125W E27			○	×
HPL 150W E27/E40				○
SON 50W E27		○	×	
SON 70W E27			○	×

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	LED	Lumen Output	Efficacy	CRI	Color Temp.	Lifetime	EEL	EOC code
TrueForce Core LED HPL	W	lm	lm/W		K	Hrs.		8718699
13W E27 830 FR	13	2000	154	80	3000	25000	A++	871869975025100
13W E27 840 FR		2000		80	4000	25000	A++	871869975027500
18W E27 830 FR	18	3000	167	80	3000	25000	A++	871869975029900
18W E27 840 FR		3000		80	4000	25000	A++	871869975031200
26W E27 830 FR	26	4000	154	80	3000	25000	A++	871869975033600
26W E27 840 FR		4000		80	4000	25000	A++	871869975035000
36W E27 830 FR	36	5500	152	80	3000	25000	A++	871951429927600
36W E27 840 FR		6000		80	4000	25000	A++	871951429929000
36W E40 830 FR		5500		80	3000	25000	A++	871951429931300
36W E40 840 FR		6000		80	4000	25000	A++	871951429933700

