



The best LED solution for High Intensity Discharge (HID) lamp replacement

TrueForce LED Public (Urban/Road – HPL/SON)

Philips TrueForce LED lamps provide an easy LED solution with a fast payback to replace High-Intensity Discharge (HID) lamps. These lamps bring the energy efficiency and long lifetime benefits of LED to HID replacement, with a low initial investment delivering instant savings. With the right lamp size and light distribution, customers can easily retrofit TrueForce LED lamps into their existing system, thereby enhancing the light quality without having to change the fixtures or sacrifice the light effect.

Benefits

- Cost savings ensure a quick payback
- Low initial investment
- Enhanced light quality and easy adoption

Features

- High energy efficiency
- Long lifetime 50,000hrs
- Right lamp size and lighting distribution for direct retrofit
- Light in weight
- Up to 6KV surge protection

Application

- Public urban - parks, squares
- Public road - streets, paths
- Public area - parking, transportation hubs

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Versions



E27 Others Clear



E27 Others Frosted



E27 Others Clear



E27 OthersFrosted

Dimensional drawing

Product	D	C
TrueForce LED HPL ND 29-25W E27 740 FR	84 mm	178 mm
TrueForce LED HPL ND 44-33W E27 740 FR	84 mm	178 mm
TrueForce LED HPL ND 32-25W E27 740 CL	84 mm	178 mm
TrueForce LED HPL ND 48-33W E27 740 CL	84 mm	178 mm

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Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s

General Information

Cap-Base	E27
Nominal Lifetime (Nom)	50000 h
Rated Lifetime (Hours)	50000 h
Switching Cycle	50000X

Light Technical

Beam Angle (Nom)	360 °
Color Code	740
Correlated Color Temperature (Nom)	4000 K
Color Rendering Index (Nom)	70
Lmf At End Of Nominal Lifetime (Nom)	70 %
Rated Beam Angle	360 °

Mechanical and Housing

Bulb Shape	Others
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Temperature

T-Case Maximum (Nom)	80 °C
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Energy Efficiency Label (EEL)
929001296402	TrueForce LED HPL ND 48-33W E27 740 CL	33 kWh	A++
929001296502	TrueForce LED HPL ND 44-33W E27 740 FR	33 kWh	A++
929001296602	TrueForce LED HPL ND 32-25W E27 740 CL	25 kWh	A++
929001296702	TrueForce LED HPL ND 29-25W E27 740 FR	25 kWh	A+

Operating and Electrical

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001296402	TrueForce LED HPL ND 48-33W E27 740 CL	125 W	33 W
929001296502	TrueForce LED HPL ND 44-33W E27 740 FR	125 W	33 W

Order Code	Full Product Name	Wattage Equivalent	Power (Rated) (Nom)
929001296602	TrueForce LED HPL ND 32-25W E27 740 CL	80 W	25 W
929001296702	TrueForce LED HPL ND 29-25W E27 740 FR	80 W	25 W

Light Technical

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
929001296402	TrueForce LED HPL ND 48-33W E27 740 CL	4800 lm	4800 lm
929001296502	TrueForce LED HPL ND 44-33W E27 740 FR	4400 lm	4400 lm

Order Code	Full Product Name	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
929001296602	TrueForce LED HPL ND 32-25W E27 740 CL	3200 lm	3200 lm
929001296702	TrueForce LED HPL ND 29-25W E27 740 FR	2900 lm	2900 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Finish
929001296402	TrueForce LED HPL ND 48-33W E27 740 CL	Clear
929001296502	TrueForce LED HPL ND 44-33W E27 740 FR	Frosted

Order Code	Full Product Name	Bulb Finish
929001296602	TrueForce LED HPL ND 32-25W E27 740 CL	Clear
929001296702	TrueForce LED HPL ND 29-25W E27 740 FR	Frosted

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Light Distribution Diagrams

