



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

MASTER - LED HID HPL

Philips Master LED HPL lamps offer an easy and short payback LED solution to replace High Intensity Discharge (HID) lamps. The products bring the energy efficiency and long lifetime benefits of LED to HID HPL replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit Master LED HPL urban lamps and bypass the existing ballast while enhancing the lighting quality.

Benefits

- Cost saving with short payback time
- Low initial investment
- Enhance lighting quality with easy adoption

Features

- High Energy efficient lamps
- Long lifetime - 50,000 hrs
- Surge protection 4KV
- Pleasant white light with CRI 80
- Omnidirectional light around lamp
- Additional Energy saving by Direct Mains connection
- Right lamp size and lighting distribution for retrofit
- IP65 product (IP rated sockets required for outdoor application)

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Application

- Parking Garages
- Parks and Plazas
- Road and Street

Warnings and Safety

- Please refer to the installation guide or consult a Philips Lighting representative for wiring diagram and instructions.

Versions

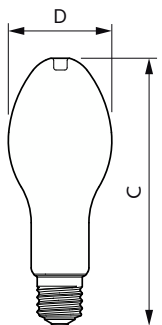
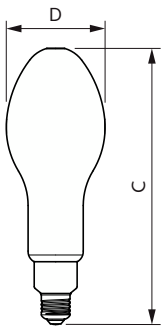


LEDTForce MAS HPL ED90 E27



LEDTForce MAS HPL ED90 E40

Dimensional drawing



Product	D	C
MAS LED HPL M 6Klm 33.5W 840 E27 FR G	91 mm	249 mm

Product	D	C
MAS LED HPL M 6Klm 33.5W 840 E40 FR G	91 mm	238 mm

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General Information

Switching Cycle	50,000
Nominal lifetime	50,000 hour(s)

Light Technical

Beam Angle (Nom)	300 degree(s)
Correlated Color Temperature (Nom)	4000 K
Color rendering index (CRI)	80
Color Code	840
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux	6,000 lm

Operating and Electrical

Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	33.5 W
Starting Time (Nom)	0.5 s

Temperature

T-Case Maximum (Nom)	65 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

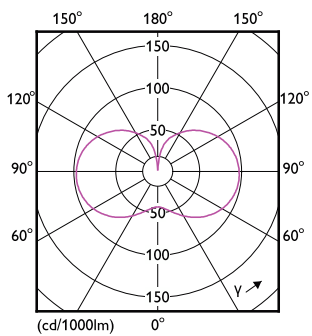
Bulb Finish	Frosted
Bulb Shape	Oval

Approval and Application

Ambient temperature range	-30 to +45 °C
Energy Consumption kWh/1000 h	34 kWh

General Information

Order Code	Full Product Name	Cap-Base
45203900	MAS LED HPL M 6Klm 33.5W 840 E27 FR G	E27
45207700	MAS LED HPL M 6Klm 33.5W 840 E40 FR G	E40



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