PHILIPS Lighting



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

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

Features

- High Energy efficient lamps
- Long lifetime 50,000 hrs
- Surge protection 4KV
- \cdot 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
- \cdot Road and Street

Warnings and Safety

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

Versions

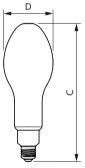




LEDTForce MAS HPL ED90 E27

LEDTForce MAS HPL ED90 E40

Dimensional drawing



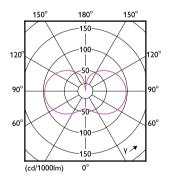


Product	D	с
MAS LED HPL M 6Klm 33.5W 840 E27 FR G	91 mm	249 mm

Product	D	с
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	70 %
(Nom)	
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
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	Tube, single-
	ended
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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