



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

TrueForce LED Industrial and retail Mains (Highbay – HPI/SON/HPL)

Philips MASTER – LED HID HPI EM/Mains Highbay lamps give you a quick and easy payback solution to replace HID alternatives in high-bay applications. MASTER – LED HID HPI EM/Mains solutions give you the LED benefits of energy efficiency and a long lifetime with a retrofit solution. The design of MASTER – LED HID HPI EM/Mains enables the direct retrofit of HID lamps without changing the fixtures or EM ballast (see installation guide for more info). The MASTER – LED HID HPI EM/Mains lamp is compatible with both 250W and 400W EM ballast to maximize the feasibility of such retrofits.

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
- Direct lamp replacement solution without changing the fixture or EM ballast
- Compatible with 250W and 400W EM gear systems
- Additional Energy saving by Direct Mains connection
- Pleasant white light with CRI 80

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Application

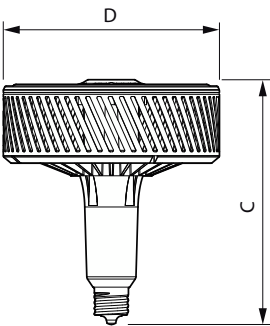
- Industrial/retail – warehouses, factories, shops, transport hubs

Versions



LEDTForce HPI Others E40

Dimensional drawing



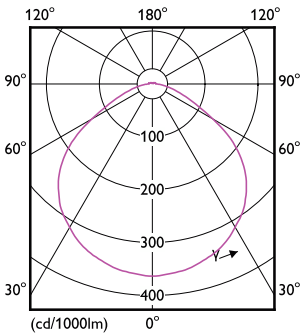
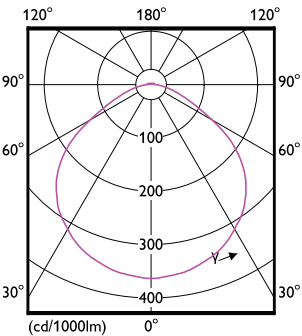
Product	D	C
TForce HB 140W E40 840 WB GM	250 mm	290 mm
TForce HB 140W E40 865 WB GM	250 mm	290 mm

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General Information	
Cap-Base	E40
Switching Cycle	50,000
Nominal lifetime	50,000 hour(s)
Light Technical	
Beam Angle (Nom)	120 degree(s)
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Luminous Flux	20,000 lm
Operating and Electrical	
Input Frequency	50 to 60 Hz
Line Frequency	50 to 60 Hz
Power Consumption	140 W
Starting Time (Nom)	0.5 s
Temperature	
T-Case Maximum (Nom)	57 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	Others
Approval and Application	
Ambient temperature range	-20 to +45 °C
Energy Consumption kWh/1000 h	140 kWh

Light Technical

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Color Code
929002281708	TForce HB 140W E40 840 WB GM	4000 K	840
929002281908	TForce HB 140W E40 865 WB GM	6500 K	865



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