



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

TForce LED HB MV ND 120-100W E40 840 NB

Philips TrueForce LED I&R mains 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 replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce LED I&R mains lamps and bypass the existing ballast while enhancing the lighting quality.

Product data

General Information	
Cap-Base	E40 [E40]
Nominal Lifetime (Nom)	50000 h
Switching Cycle	50000X
Technical Type	100-250W
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	60 °
Luminous Flux (Nom)	12000 lm
Luminous Flux (Rated) (Nom)	12000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K

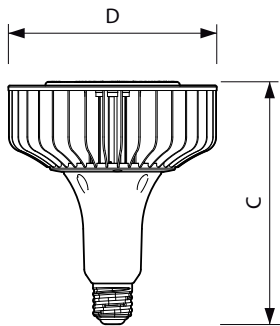
Luminous Efficacy (rated) (Nom)	120.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	100 W
Lamp Current (Nom)	520 mA
Wattage Equivalent	250 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9

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Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	70 °C
Controls and Dimming	
Dimmable	No
Approval and Application	
Energy Efficiency Label (EEL)	A+
Energy Consumption kWh/1000 h	100 kWh

Product Data	
Full product code	871869959676700
Order product name	TForce LED HB MV ND 120-100W E40 840 NB
EAN/UPC - Product	8718699596767
Order code	929001929702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	929001929702
Net Weight (Piece)	1.300 kg

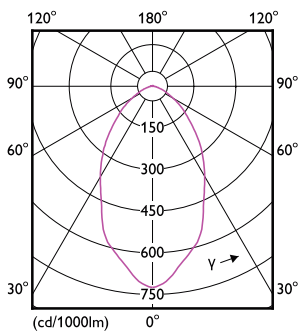
Dimensional drawing



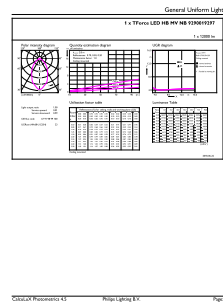
EU High Bay Mains 12000lm 4000K

Product	D	C
TForce LED HB MV ND 120-100W E40 840 NB	211 mm	252 mm

Photometric data



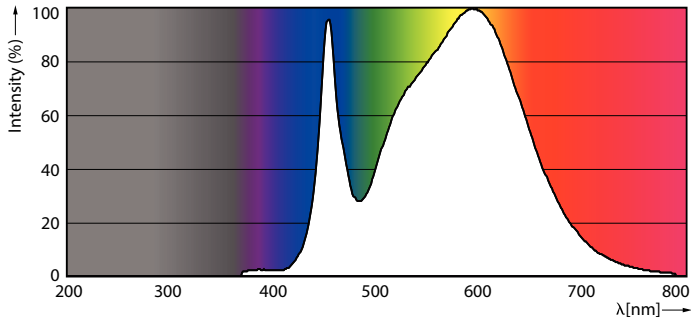
LED TForce HB MV 120-100W E40 others 840 12D ND NB



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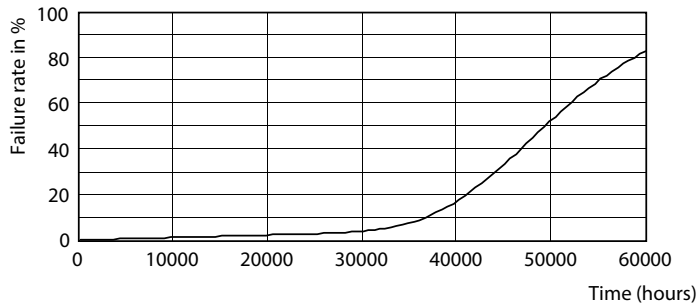
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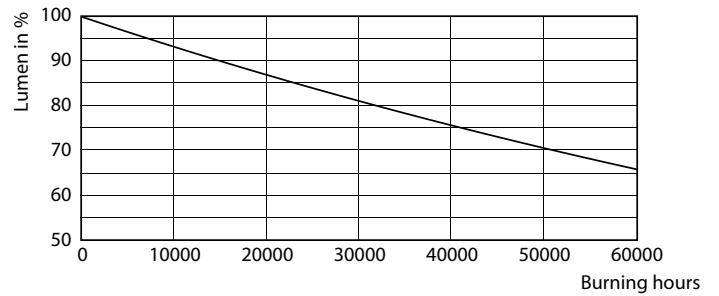


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Lifetime



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