



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

TrueForce LED HB MV ND 120-100W E40 840 WB

Philips TrueForce LED Industrial & Retail 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 savings 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

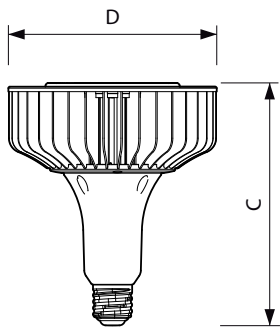
General Information		Luminous efficacy (rated) (nom.)	
Cap base	E40 [E40]		120.00 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
Nominal lifetime (nom.)	50000 h	Colour rendering index (nom.)	80
Switching cycle	50,000X	LLMF at end of nominal lifetime (nom.)	70 %
Technical type	100-250W	Operating and Electrical	
Light Technical		Input frequency	50 to 60 Hz
Colour Code	840 [CCT of 4,000 K]	Power (Rated) (Nom)	100 W
Beam Angle (Nom)	120 °	Lamp current (nom.)	520 mA
Luminous flux (nom.)	12000 lm	Wattage equivalent	250 W
Colour designation	Cool White (CW)	Starting time (nom.)	0.5 s
Correlated Colour Temperature (Nom)	4000 K	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
Mechanical and Housing	
Bulb shape	Others
Approval and Application	
Energy consumption kWh/1,000 hours	100 kWh

Product Data	
Full product code	871869959678100
Order product name	TrueForce LED HB MV ND 120-100W E40 840 WB
EAN/UPC – product	8718699596781
Order code	59678100
SAP numerator – quantity per pack	1
Numerator – packs per outer box	2
SAP material	929001929802
SAP net weight (piece)	1.300 kg

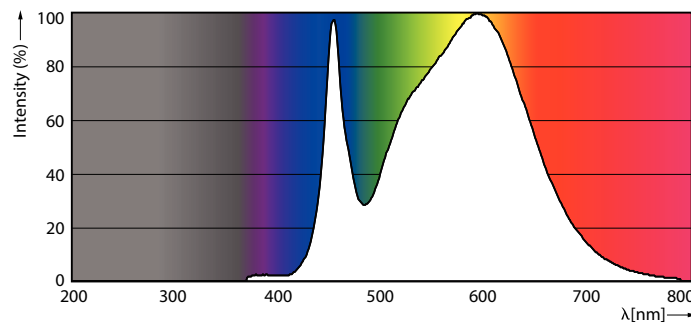
Dimensional drawing



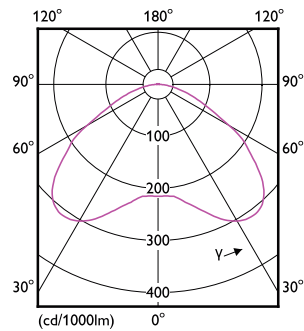
EU High Bay Mains 12000lm 4000K

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

Photometric data



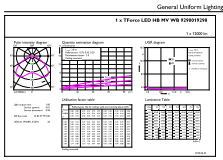
LED TForce HB MV 120-100W E40 others 840 12D ND WB



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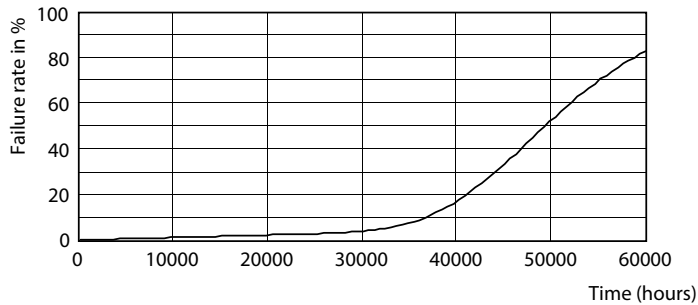
Photometric data



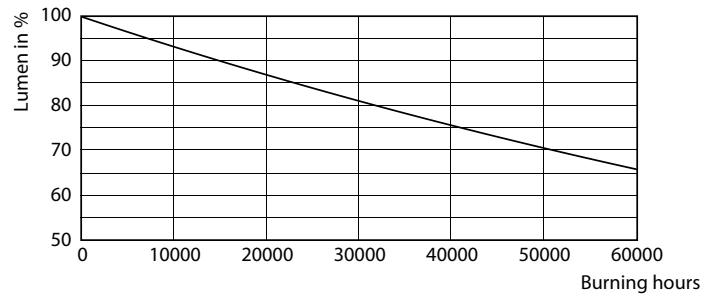
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Lifetime



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