



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

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

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

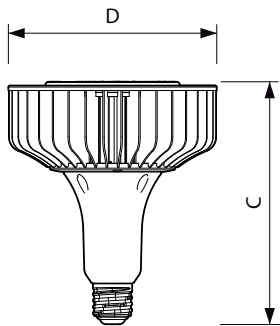
General Information		Luminous efficacy (rated) (nom.)	
Cap base	E40 [E40]		120.00 lm/W
Nominal lifetime (nom.)	50000 h	Colour consistency	<6
Switching cycle	50000X	Color rendering index (nom.)	80
Technical type	100-250W	LLMF at end of nominal lifetime (nom.)	70 %
Light Technical		Operating and Electrical	
Colour code	840 [CCT of 4,000 K]	Input frequency	50 to 60 Hz
Beam Angle (Nom)	60 °	Power (Rated) (Nom)	100 W
Luminous flux (nom.)	12000 lm	Lamp current (nom.)	520 mA
Luminous flux (rated) (nom.)	12000 lm	Starting time (nom.)	0.5 s
Colour designation	Cool White (CW)	Warm-up time to 60% light (nom.)	0.5 s
Correlated colour temperature (nom.)	4000 K	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	59676700
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	929001929702
Net weight (piece)	1.300 kg

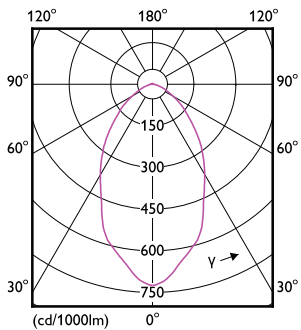
Dimensional drawing



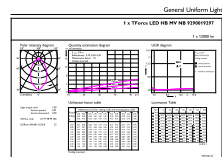
EU High Bay Mains 12000lm 4000K

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

Photometric data



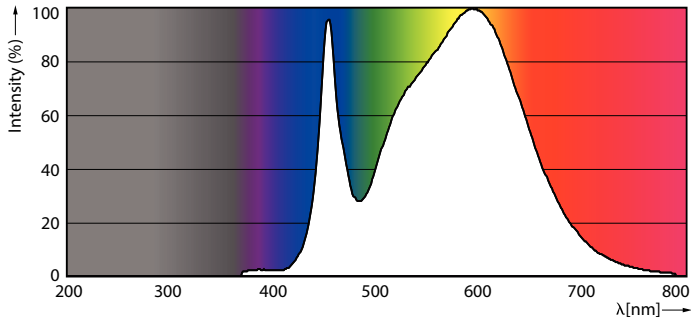
LED TForce HB MV 120-100W E40 others 840 12D ND NB



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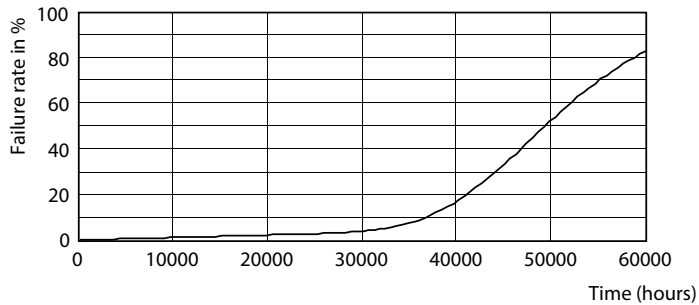
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Photometric data

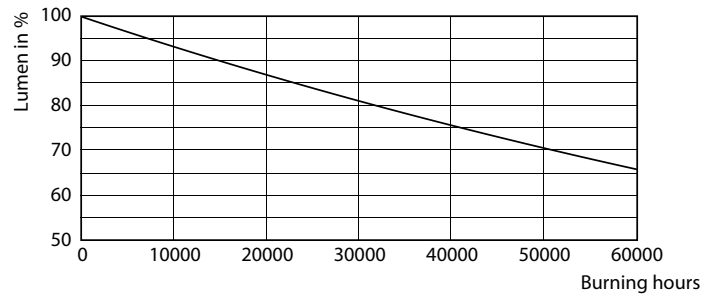


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Lifetime



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