



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

TForce LED HB MV ND 200-160W 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	
Cap base	E40 [E40]
Nominal lifetime (nom.)	50000 h
Switching cycle	50000X
Technical type	160-400W
Light Technical	
Colour code	840 [CCT of 4,000 K]
Beam Angle (Nom)	120 °
Luminous flux (nom.)	20000 lm
Luminous flux (rated) (nom.)	20000 lm
Colour designation	Cool White (CW)
Correlated colour temperature (nom.)	4000 K

Luminous efficacy (rated) (nom.)	125.00 lm/W
Colour consistency	<6
Color rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %

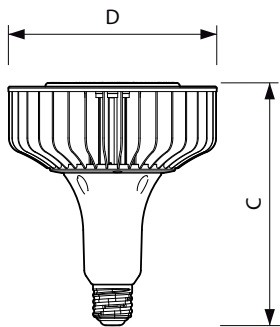
Operating and Electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	160 W
Lamp current (nom.)	900 mA
Starting time (nom.)	0.7 s
Warm-up time to 60% light (nom.)	0.7 s
Power factor (nom.)	0.9

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Voltage (Nom)	220-240 V
Temperature	
T-Case maximum (nom.)	100 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb finish	Frosted (FR)
Approval and Application	
Energy efficiency label (EEL)	A+

Energy Consumption kWh/1000 h	160 kWh
Product Data	
Full product code	871869959672900
Order product name	TForce LED HB MV ND 200-160W E40 840 WB
EAN/UPC – product	8718699596729
Order code	59672900
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	929001812502
Net weight (piece)	1.300 kg

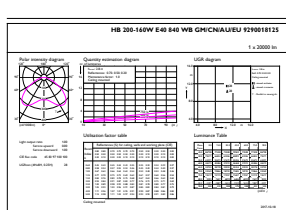
Dimensional drawing



Bulb T50 180-400W 20000lm 4000K E40 ND

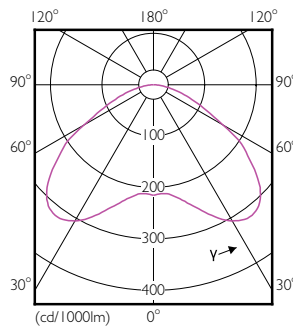
Product	D	C
TForce LED HB MV ND 200-160W E40 840 WB	211 mm	263 mm

Photometric data



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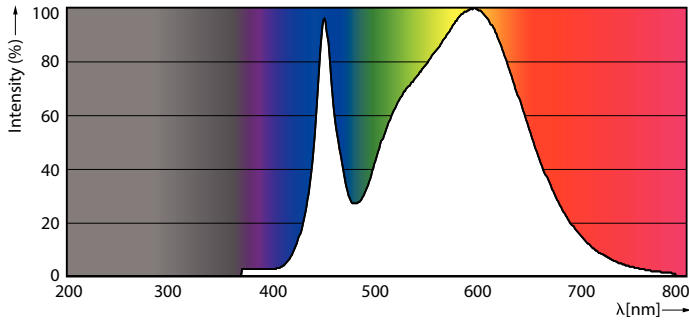
LED TForce HB MV 200-160W E40 T50 Frosted 840 12D ND WB



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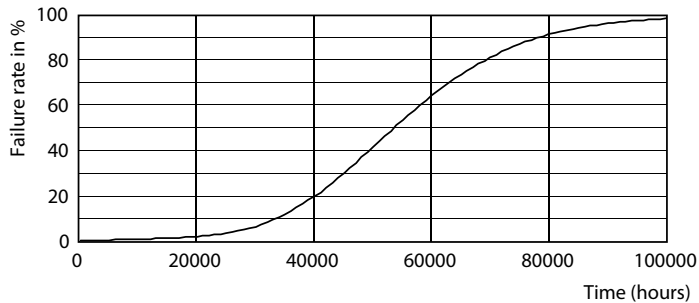
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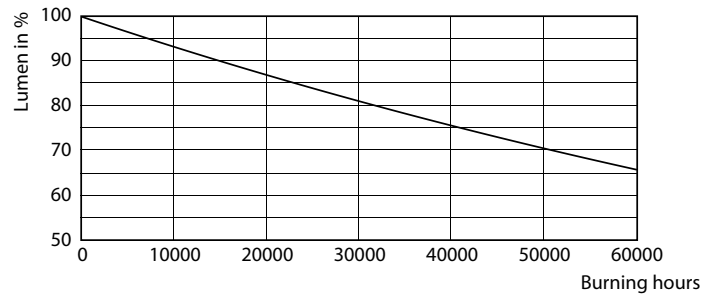


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Lifetime



LedTrueForce



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