



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

TrueForce LED HB MV ND 200-160W 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

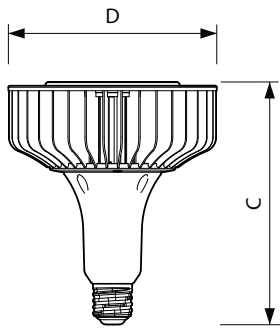
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	E40 [E40]		125.00 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
Nominal Lifetime (Nom)	50000 h	Colour Rendering Index horiz (Nom)	80
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Technical Type	160-400W	Operating and Electrical	
		Input Frequency	50 to 60 Hz
		Power (Rated) (Nom)	160 W
		Lamp Current (Nom)	900 mA
		Wattage Equivalent	400 W
		Starting Time (Nom)	0.7 s
		Warm Up Time to 60% Light (Nom)	0.7 s
		Power Factor (Nom)	0.9
Light Technical			
Colour Code	840 [CCT of 4000K]		
Beam Angle (Nom)	60 °		
Luminous Flux (Nom)	20000 lm		
Colour Designation	Cool White (CW)		
Colour Temperature, horizontal (Nom)	4000 K		

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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
Approval and Application	
Energy Efficiency Label	A+
Energy Consumption kWh/1000 h	160 kWh

Product Data	
Full product code	871869959670500
Order product name	TrueForce LED HB MV ND 200-160W E40 840 NB
EAN/UPC - Product	8718699596705
Order code	59670500
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	929001812402
Net Weight (Piece)	1.300 kg

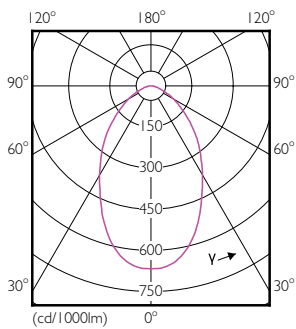
Dimensional drawing



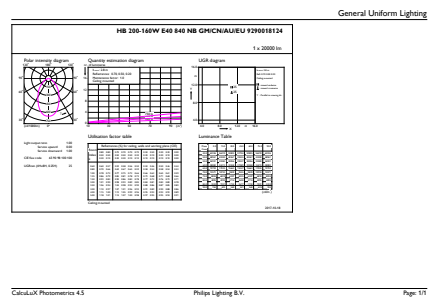
Bulb T50 180-400W 20000lm 4000K E40 ND

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

Photometric data



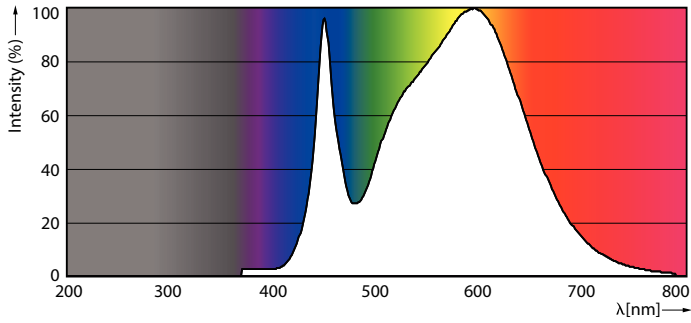
LED TForce HB MV 200-160W E40 T50 Frosted 840 6D ND NB



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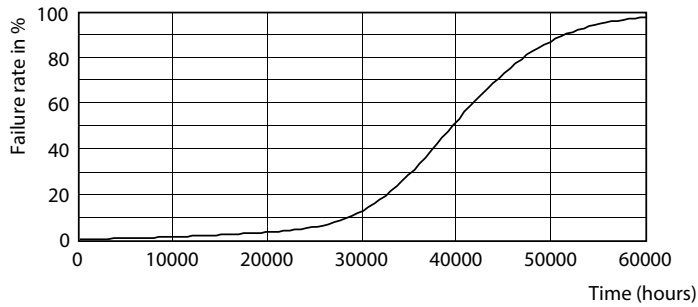
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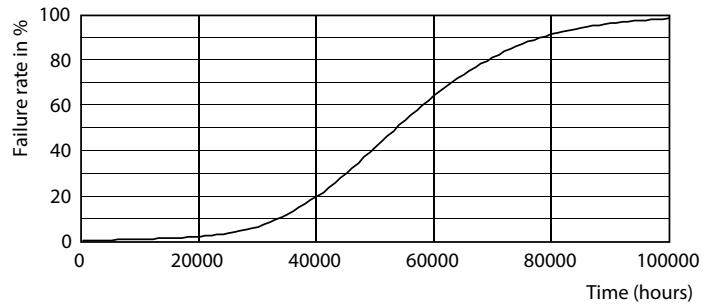


LED TForce HB MV 200-160W E40 T50 Frosted 840 6D ND NB

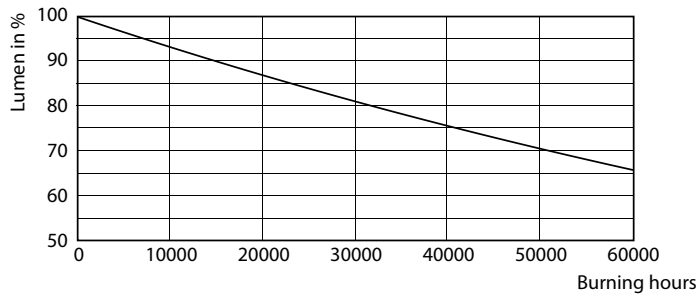
Lifetime



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