PHILIPS Lighting



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

Open and Information		
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	

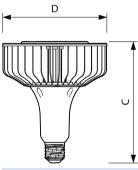
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	100 W
Lamp Current (Nom)	520 mA
Wattage Equivalent	250 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V

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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

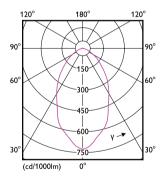


 Product
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 TForce LED HB MV ND 120-100W E40 840 NB
 211 mm
 252 mm

EU High Bay Mains 12000lm 4000K

Photometric data



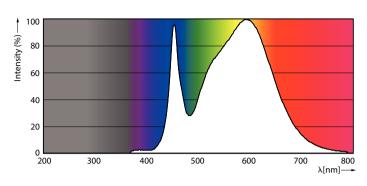
LED TForce HB MV 120-100W E40 others 840 12D ND NB

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Philips Lighting & H

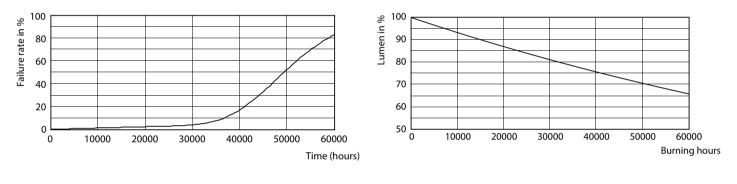
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Photometric data



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

Lifetime



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

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www.lighting.philips.com 2018, September 10 - data subject to change