



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

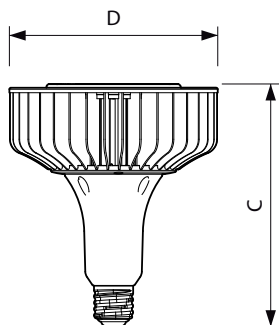
| General Information | | Luminous Efficacy (rated) (Nom) | |
|------------------------------------|---------------------|--|--|
| Cap-Base | E40 [E40] | 125.00 lm/W | |
| EU RoHS compliant | Yes | Color Consistency | |
| Nominal Lifetime (Nom) | 50000 h | <6 | |
| Switching Cycle | 50000X | Color Rendering Index (Nom) | |
| Technical Type | 160-400W | 80 | |
| Light Technical | | LLMF At End Of Nominal Lifetime (Nom) 70 % | |
| Color Code | 840 [CCT of 4000K] | Operating and Electrical | |
| Beam Angle (Nom) | 60 ° | Input Frequency | |
| Luminous Flux (Nom) | 20000 lm | 50 to 60 Hz | |
| Color Designation | Cool White (CW) | Power (Nom) | |
| Correlated Color Temperature (Nom) | 4000 K | 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 | |

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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 |
| Bulb Shape | T50 [T 50mm] |
| Approval and Application | |
| 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 | 929001812402 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |
| Material Nr. (12NC) | 929001812402 |
| Net Weight (Piece) | 1.300 kg |

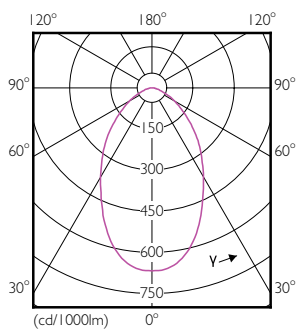
Dimensional drawing



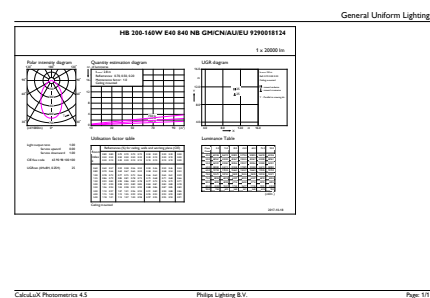
Bulb T50 180-400W 20000lm 4000K E40 ND

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

Photometric data



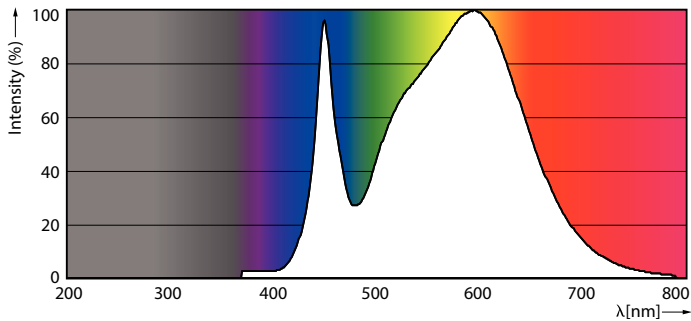
LED TForce HB MV 200-160W E40 T50 Frosted 840 6D ND NB



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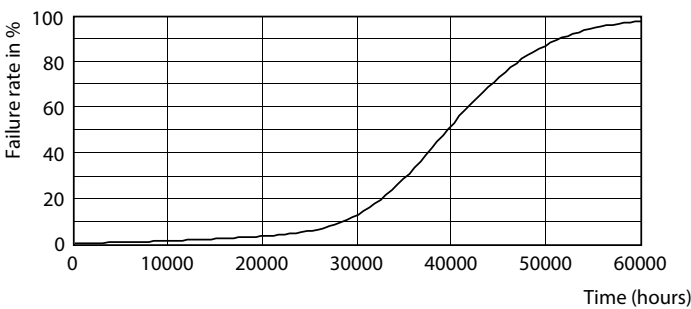
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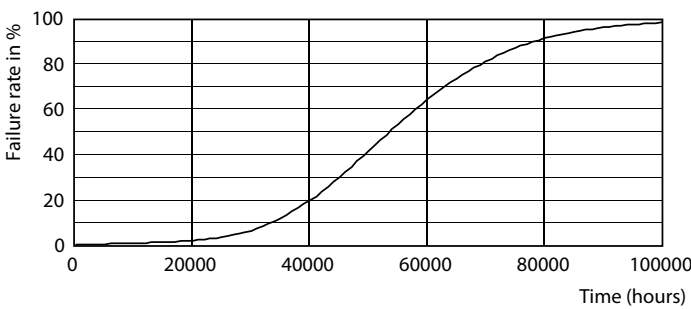


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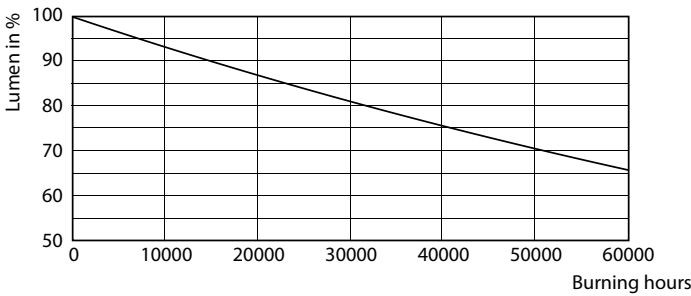
Lifetime



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