



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

TrueForce HB 100-85W E40 865 120D GM

Philips TrueForce LED Industrial and Retail lamps give you a quick and easy payback solution to replace HID lamps in High-bay applications. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus the initial investment is low. With unique lamp design and compatibility, you can directly retrofit HID lamps with TrueForce LED lamps without changing the fixtures or gear. Multiple beam angle options and high colour-rendering index enhance the lighting distribution while creating a comfortable, safe and high-productivity environment.

Product data

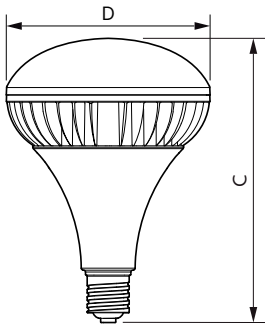
| General Information | | Colour Temperature, horizontal (Nom) | |
|----------------------------------|-----------------------|--|-------------|
| Cap base | E40 [E40] | Colour Temperature, horizontal (Nom) | 6500 K |
| EU RoHS compliant | Yes | Lamp Luminous Efficacy EM (Nom) | 117.00 lm/W |
| Nominal lifetime (nom.) | 25000 h | Colour consistency | <6 |
| Switching cycle | 50000X | Colour Rendering Index, horiz (Nom) | 80 |
| Technical type | 85-250W | LLMF at end of nominal lifetime (nom.) | 70 % |
| Light Technical | | Operating and Electrical | |
| Colour Code | 865 [CCT of 6,500 K] | Input frequency | 50 to 60 Hz |
| Technical Beam Angle (Nom) | 120 ° | Technical Lamp Power (Nom) | 85 W |
| Lamp Luminous Flux 25°C EL (Nom) | 10000 lm | Lamp current (nom.) | 715 mA |
| Colour Designation | Cool Daylight | Wattage equivalent | 250 W |
| | | Starting time (nom.) | 0.5 s |

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

| | |
|----------------------------------|-----------|
| Warm-up time to 60% light (nom.) | 0.5 s |
| Power factor (nom.) | 0.9 |
| Voltage (nom.) | 110-277 V |
| Temperature | |
| T-Case maximum (nom.) | 90 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb finish | Frosted |
| Approval and Application | |
| Energy efficiency label (EEL) | A+ |

| | |
|---------------------------------|--------------------------------------|
| Energy Consumption kWh/1000 h | 85 kWh |
| Product Data | |
| Full product code | 871869682660700 |
| Order product name | TrueForce HB 100-85W E40 865 120D GM |
| EAN/UPC – product | 8718696826607 |
| Order code | 929001875908 |
| Numerator – quantity per pack | 1 |
| Numerator – packs per outer box | 2 |
| Material no. (12NC) | 929001875908 |
| Net weight (piece) | 0.876 kg |

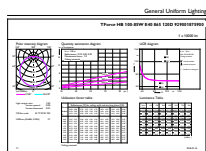
Dimensional drawing



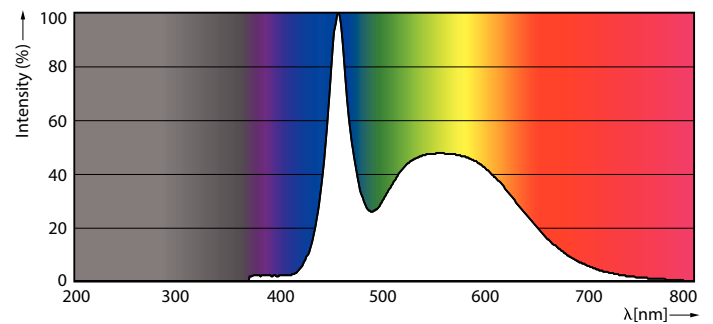
High Bay 95W-10000lm 60D 6500K E40 ND

| Product | D | C |
|--------------------------------------|--------|--------|
| TrueForce HB 100-85W E40 865 120D GM | 190 mm | 270 mm |

Photometric data



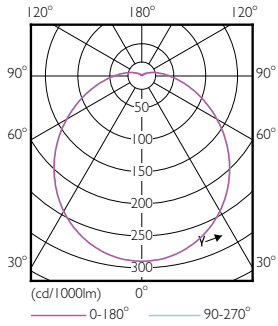
250W E40 Others FR 120D 865 6500K



250W E40 Others FR

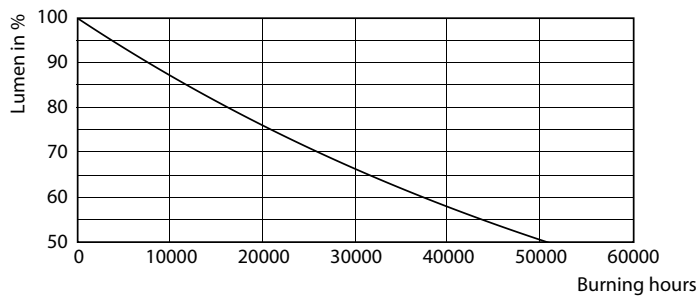
TrueForce LED Industrial and Retail (Highbay – HPI/SON/HPL)

Photometric data

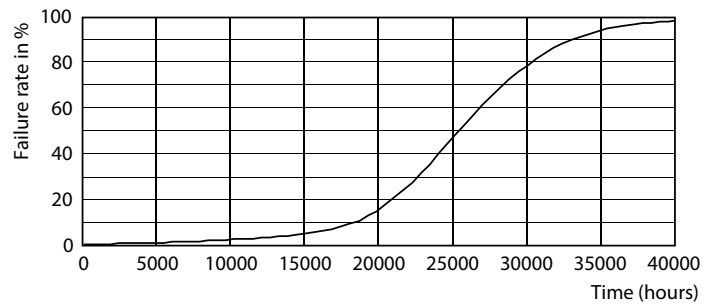


250W E40 Others FR 120D 840 4000K

Lifetime



250W E40 Others FR



250W E40 Others FR

