PHILIPS

Lighting

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

## TForce Core HB 40W E27 865 GN3

LED HPI, T-shape T120, Mains only, 220-240 V, 40 W, 65W CFL, 55W HID, E27, 6500 K, 4000 lm, 15000 hour(s)

LED HPI, T-shape T120, Mains only, 220-240 V, 40 W, LED alternative to 65W CFL, 55W HID, E27, 6500 K, 4000 lm, 15000 hour(s), 100.00 lm/W

### Product data

| General Information | |
|---|---|
| **Cap-Base** | E27 |
| **Nominal lifetime** | 15,000 hour(s) |
| **Switching Cycle** | 50,000 |
| **Lighting Technology** | LED HPI |
| **Warranty period** | 1 years |

| Light Technical | |
|---|---|
| **Color Code** | 865 [CCT of 6500K] |
| **Beam Angle (Nom)** | 180 degree(s) |
| **Luminous Flux** | 4,000 lm |
| **Color Designation** | Cool Daylight |
| **Correlated Color Temperature (Nom)** | 6500 K |
| **Luminous Efficacy (rated) (Nom)** | 100.00 lm/W |
| **Color Consistency** | <6 |
| **Color rendering index (CRI)** | 80 |
| **LLMF At End Of Nominal Lifetime (Nom)** | 70 % |

| Operating and Electrical | |
|---|---|
| **Line Frequency** | 50 to 60 Hz |
| **Input Frequency** | 50 to 60 Hz |
| **Power Consumption** | 40 W |
| **Lamp Current (Nom)** | 330 mA |
| **Starting Time (Nom)** | 0.5 s |
| **Warm-up time to 60% light** | 0.5 s |
| **Power Factor (Fraction)** | 0.5 |

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| | |
|---|---|
| **Voltage (Nom)** | 220-240 V |
| **Wattage Equivalent (LED HID only)** | 65W CFL, 55W HID |
| **Ballast Compatibility** | Mains only |

### Temperature

| | |
|---|---|
| **T-Case Maximum (Nom)** | 79 °C |

### Controls and Dimming

| | |
|---|---|
| **Dimmable** | No |

### Mechanical and Housing

| | |
|---|---|
| **Bulb Finish** | Frosted |
| **Bulb Shape** | T-shape T120 |
| **Net Weight (Piece)** | 0.164 kg |

### Approval and Application

| | |
|---|---|
| **Energy Saving Product** | Yes |
| **Energy Consumption kWh/1000 h** | 40 kWh |
| **EU RoHS compliant** | Yes |
| **Ambient temperature range** | -20 °C to 45 °C |

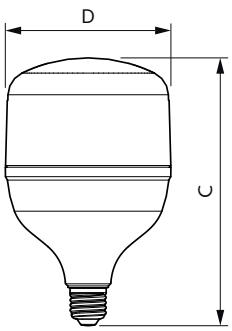
### Application Conditions

| | |
|---|---|
| **Wireless Technology** | Not applicable |

### Product Data

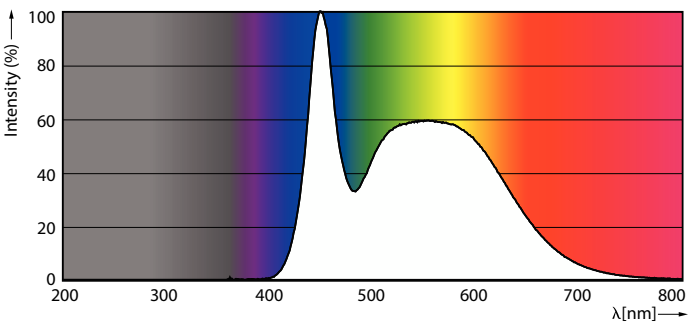
| | |
|---|---|
| **Order product name** | TForce Core HB 40W E27 865 GN3 |
| **Full product name** | TForce Core HB 40W E27 865 GN3 |
| **Full product code** | 871869978065400 |
| **Order code** | 929002408608 |
| **Material Nr. (12NC)** | 929002408608 |
| **Numerator - Quantity Per Pack** | 1 |
| **EAN/UPC - Product/Case** | 8718699780654 |
| **Numerator - Packs per outer box** | 6 |
| **EAN/UPC - Case** | 8718699780661 |

## Dimensional drawing

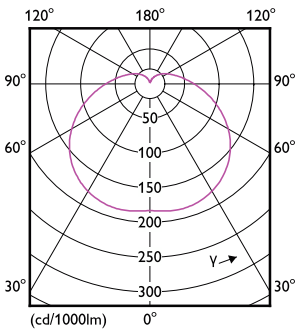



| Product | D | C |
|---|---|---|
| TForce Core HB 40W E27 865 GN3 | 118 mm | 193 mm |

## Photometric data




Spectral Power Distribution Colour - TForce Core HB 40W E27 865 GN3




Light Distribution Diagram - TForce Core HB 40W E27 865 GN3

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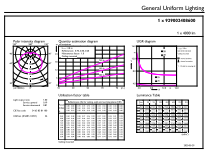
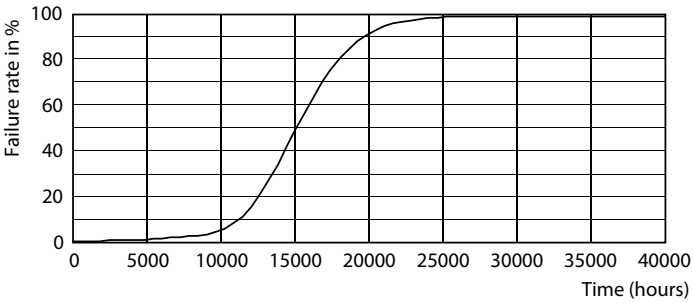
## Photometric data

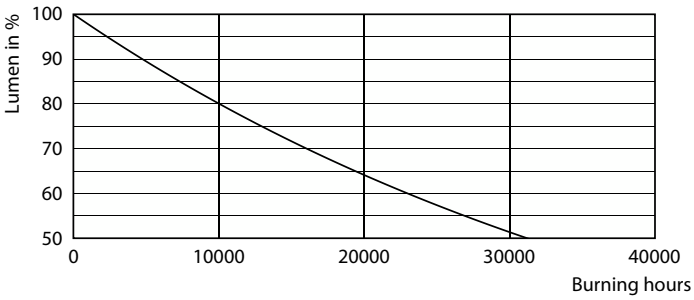


General uniform lighting - TForce Core HB 40W E27 865 GN3

## Lifetime




Life Expectancy Diagram




Lumen Maintenance Diagram - TForce Core HB 40W E27 865 GN3

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