



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

TForce Core HB 3.5Klm 40W E27 865

LED, T100, Mains only, 40 W, E27, 6500 K, 3500 lm, 15000 hour(s)

Philips TrueForce Core LED I&R 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 Core LED I&R lamps and bypass the existing ballast while enhancing the lighting quality.

Product data

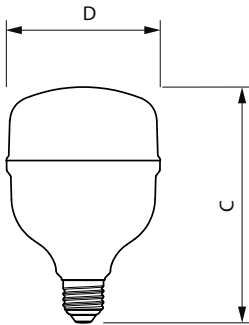
| General Information | | | |
|---------------------|--------------------|--|---------------|
| Cap-Base | E27 | Luminous Flux | 3,500 lm |
| Nominal lifetime | 15,000 hour(s) | Color Designation | Cool Daylight |
| Switching Cycle | 50,000 | Correlated Color Temperature (Nom) | 6500 K |
| Lighting Technology | LED | Luminous Efficacy (rated) (Nom) | 87 lm/W |
| Warranty period | 1 years | Color Consistency | <6 |
| | | Color rendering index (CRI) | 80 |
| | | LLMF At End Of Nominal Lifetime (Nom) | 70 % |
| | | Photobiological safety according to EN 62471 | RG1 |
| Light Technical | | | |
| Color Code | 865 [CCT of 6500K] | | |
| Beam Angle (Nom) | 150 degree(s) | | |

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| Operating and Electrical | |
|-----------------------------------|------------------|
| Input Frequency | 50 to 60 Hz |
| Power Consumption | 40 W |
| Lamp Current (Nom) | 273 mA |
| Starting Time (Nom) | 0.5 s |
| Warm-up time to 60% light | 0.5 s |
| Power Factor (Fraction) | 0.5 |
| Voltage (Nom) | 220–240 V |
| Wattage Equivalent (LED HID only) | 50W CFL, 70W HID |
| Ballast Compatibility | Mains only |
| Temperature | |
| T-Case Maximum (Nom) | 86 °C |
| Controls and Dimming | |
| Dimmable | No |
| Mechanical and Housing | |
| Bulb Finish | Frosted |
| Bulb Shape | T100 |

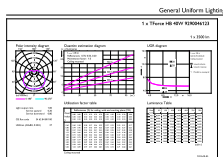
| Net Weight (Piece) | 0.090 kg |
|---------------------------------|-----------------------------------|
| Approval and Application | |
| Energy Saving Product | Yes |
| Energy Consumption kWh/1000 h | 40 kWh |
| EU RoHS compliant | Yes |
| Ambient temperature range | -20 to +45 °C |
| Product Data | |
| Order product name | TForce Core HB 3.5Klm 40W E27 865 |
| Full product name | TForce Core HB 3.5Klm 40W E27 865 |
| Full product code | 872110309400100 |
| Order code | 929004612312 |
| Material Nr. (12NC) | 929004612312 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8721103094001 |
| Numerator - Packs per outer box | 6 |
| EAN/UPC - Case | 8721103094018 |

Dimensional drawing



| Product | D | C |
|-----------------------------------|--------|--------|
| TForce Core HB 3.5Klm 40W E27 865 | 100 mm | 152 mm |

Photometric data



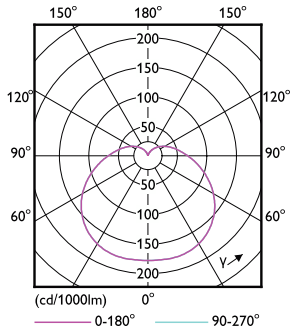
General uniform lighting - TForce Core HB 3.5Klm 40W E27 865



Spectral Power Distribution Colour - TForce Core HB 3.5Klm 40W E27 865

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Photometric data



Light Distribution Diagram - TForce Core HB 3.5Klm 40W E27 865

