



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

### TrueForce Core HB 40W E27 865 WV G3

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 [ E27]          |
| EU RoHS compliant                  | Yes                 |
| Nominal Lifetime (Nom)             | 15000 h             |
| Switching Cycle                    | 50000X              |
|                                    |                     |
| Light technical                    |                     |
| Color Code                         | 865 [ CCT of 6500K] |
| Beam Angle (Nom)                   | 180 °               |
| Luminous Flux (Nom)                | 4000 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 (Nom)           | 80          |
| LLMF At End Of Nominal Lifetime (Nom) | 70 %        |
|                                       |             |
| Operating and electrical              |             |
| Input Frequency                       | 50 to 60 Hz |
| Power (Nom)                           | 40 W        |
| Lamp Current (Nom)                    | 640 mA      |
| Wattage Equivalent                    | 55 W        |
| Starting Time (Nom)                   | 0.5 s       |
| Warm Up Time to 60% Light (Nom)       | 0.5 s       |
| Power Factor (Nom)                    | 0.5         |

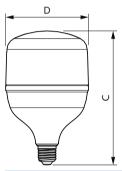
Datasheet, 2021, June 17 data subject to change

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| Voltage (Nom)          | 100-240 V |  |
|------------------------|-----------|--|
|                        |           |  |
| Temperature            |           |  |
| T-Case Maximum (Nom)   | 85 °C     |  |
|                        |           |  |
| Controls and dimming   |           |  |
| Dimmable               | No        |  |
|                        |           |  |
| Mechanical and housing |           |  |
| Bulb Finish            | Frosted   |  |
| Bulb Shape             | T-shape   |  |
|                        |           |  |

| Product data                    |                                     |
|---------------------------------|-------------------------------------|
| Full product code               | 871869978045600                     |
| Order product name              | TrueForce Core HB 40W E27 865 WV G3 |
| EAN/UPC - Product               | 8718699780456                       |
| Order code                      | 929002410212                        |
| Numerator - Quantity Per Pack   | 1                                   |
| Numerator - Packs per outer box | 6                                   |
| Material Nr. (12NC)             | 929002410212                        |
| Net Weight (Piece)              | 0.164 kg                            |
|                                 |                                     |

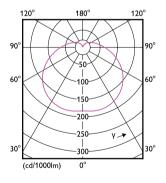
### Dimensional drawing



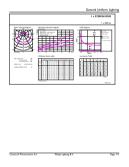
TrueForce Core HB 40W E27 865 WV G3

# Product D C TrueForce Core HB 40W E27 865 WV G3 120 mm 193 mm

### Photometric data



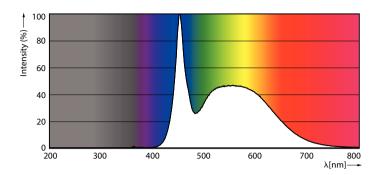
LEDTForce HB 55W Tshape E27



LEDTForce HB 55W Tshape E27 865

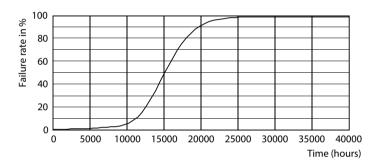
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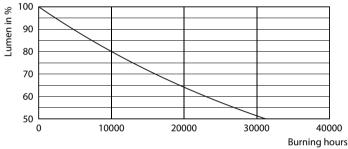
### Photometric data



LEDTForce HB 55W Tshape E27 865

### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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