



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

## TForce Core HB 40W E27 865 WV

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	25,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Brand	Philips
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	4,800 lumen
Color Designation	Cool Daylight

Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	120.00 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)	375 mA
Wattage Equivalent	100 W
Starting Time (Nom)	0.5 s

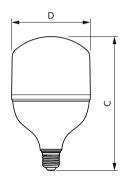
Datasheet, 2023, April 25 data subject to change

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Warm-up time to 60% light	0.5 s	
Power Factor (Fraction)	0.92	
Voltage (Nom)	100-240 V	
Temperature		
Ambient temperature range	-20 °C to 45 °C	
T-Case Maximum (Nom)	68.7 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Shape	T-shape	

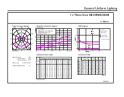
Product Data	
Full product code	871869975023700
Order product name	TForce Core HB 40W E27 865 WV
Order code	929002354212
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002354212
Net weight	0.204 kg
Full product name	TForce Core HB 40W E27 865 WV
EAN/UPC - Case	8718699750244

## Dimensional drawing

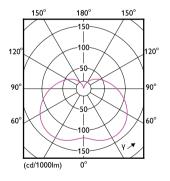


Product	D	С
TForce Core HB 40W E27 865 WV	125 mm	215 mm

#### Photometric data



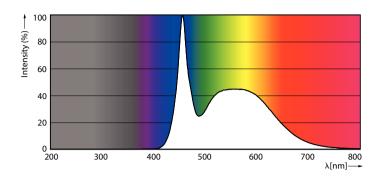




Light Distribution Diagram - TForce Core HB 40W E27 865 WV

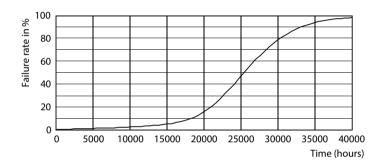
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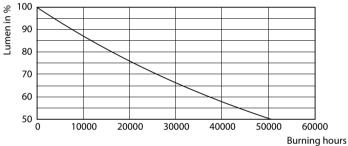
#### Photometric data



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

## Lifetime





Life Expectancy Diagram - TForce Core HB 40W E27 865 WV

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



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