

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

# TrueForce Core HB 40W E27 865 GN3

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 savings 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	50000
Technical type	40-55W
Light technical	
Colour Code	865 [ CCT of 6,500 K]
Technical Beam Angle (Nom)	180 °
Lamp Luminous Flux 25°C EL (Nom)	4000 lm
Colour Designation	Cool Daylight
Colour Temperature, horizontal (Nom)	6500 K

Lamp Luminous Efficacy EM (Nom)	100.00 lm/W
Colour consistency	<6
Colour Rendering Index,horiz (Nom)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	40 W
Lamp current (nom.)	330 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

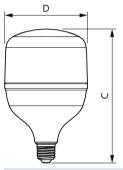
Datasheet, 2022, September 28 data subject to change

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Voltage (Nom)	220-240 V	
Temperature		
T-ambient (max.)	45 °C	
T-ambient (min.)	-20 °C	
T-Case maximum (nom.)	79 ℃	
Controls and dimming		
Dimmable	No	
Mechanical and housing		
Lamp Finish	Frosted	
Bulb shape	T-shape	

Approval and application		
Energy consumption kWh/1,000 hours	- kWh	
Product data		
Full product code	871869978065400	
Order product name	TrueForce Core HB 40W E27 865 GN3	
EAN/UPC – product	8718699780654	
Order code	929002408608	
SAP numerator – quantity per pack	1	
Numerator – packs per outer box	6	
SAP material	929002408608	
Net Weight (Piece)	0.164 kg	

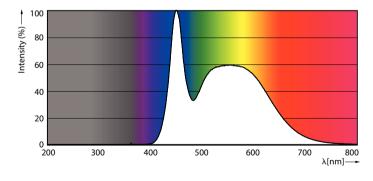
# Dimensional drawing

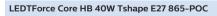


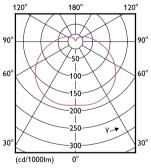
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#### Photometric data



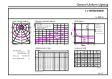




LEDTForce Core HB 40W Tshape E27-LDD

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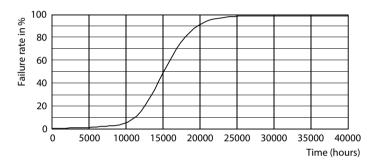
#### Photometric data

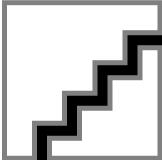


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## Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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