



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

### TrueForce Core HB 40W E27 830 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 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
Technical Type	40-55W
Light technical	
Color Code	830 [ CCT of 3000K]
Beam Angle (Nom)	180 °
Luminous Flux (Nom)	3700 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K

Luminous Efficacy (rated) (Nom)	92.00 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)	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

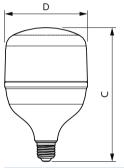
Datasheet, 2022, January 12 data subject to change

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Voltage (Nom)	220-240 V	
Temperature		
T-Case Maximum (Nom)	85 °C	
Controls and dimming		
Dimmable	No	
Mechanical and housing		
Bulb Finish	Frosted	
Bulb Shape	T-shape	
Approval and application		
Energy Consumption kWh/1000 h	- kWh	

Product data	
Full product code	871869978063000
Order product name	TrueForce Core HB 40W E27 830 GN3
EAN/UPC - Product	8718699780630
Order code	929002408508
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002408508
Net Weight (Piece)	0.164 kg

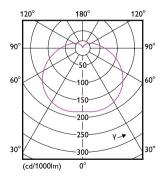
### Dimensional drawing



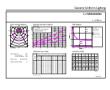
TrueForce Core HB 40W E27 830 GN3

# Product D C TrueForce Core HB 40W E27 830 GN3 118 mm 193 mm

### Photometric data



LEDTForce Core HB 40W Tshape E27-LDD

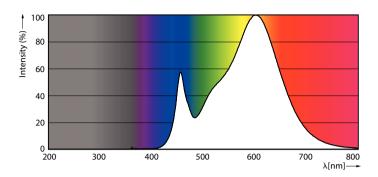


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LEDTForce Core HB 40W Tshape E27 830-GUL

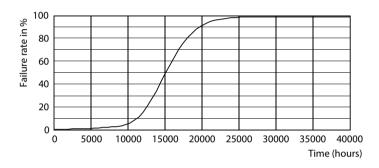
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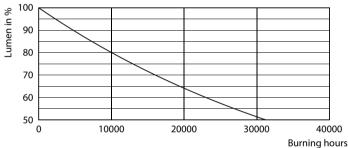
#### Photometric data



LEDTForce Core HB 40W Tshape E27 830-POC

### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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