



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

TrueForce Core HB 40W E27 840 CN 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
Light technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	185 °
Luminous Flux (Nom)	4000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 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 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

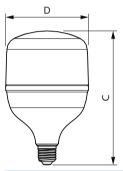
Datasheet, 2021, October 28 data subject to change

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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	

Product data	
Full product code	692234190844600
Order product name	TrueForce Core HB 40W E27 840 CN GN3
EAN/UPC - Product	6922341908446
Order code	929002410710
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002410710
Net Weight (Piece)	0.164 kg

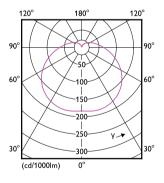
Dimensional drawing



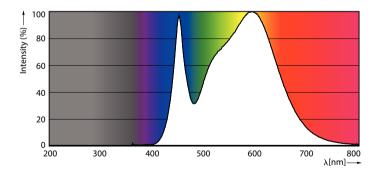
TrueForce Core HB 40W E27 840 CN GN3

Product D C TrueForce Core HB 40W E27 840 CN GN3 118 mm 193 mm

Photometric data



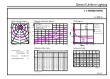
LEDTForce Core GC 40W Tshape E27-LDD



LEDTForce Core GC 40W Tshape E27 840-POC

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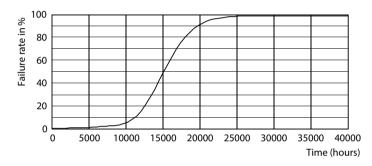
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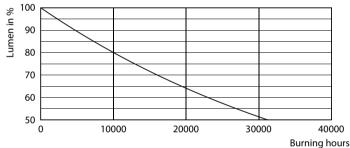


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LEDTForce Core GC 40W Tshape E27 840-GUL

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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