PHILIPS Lighting



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

TrueForce Core HB 50W E40 865 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	E40 [E40]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	15000 h	
Switching Cycle	50000X	
Light technical		
Color Code	865 [CCT of 6500K]	
Beam Angle (Nom)	185 °	
Luminous Flux (Nom)	5000 lm	
Color Designation	Cool Daylight	
Correlated Color Temperature (Nom)	6500 K	
Luminous Efficacy (rated) (Nom)	100.00 lm/W	

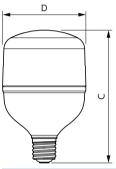
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and electrical	
Input Frequency	50 Hz
Power (Nom)	50 W
Lamp Current (Nom)	418 mA
Wattage Equivalent	70 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.5

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Voltage (Nom)	220-240 V	
Temperature		
T-Case Maximum (Nom)	80 °C	
Controls and dimming		
Dimmable	No	
Mechanical and housing		
Bulb Finish	Frosted	
Bulb Shape	T-shape	

Product data		
Full product code	692234190830900	
Order product name	TrueForce Core HB 50W E40 865 CN GN3	
EAN/UPC - Product	6922341908309	
Order code	929002408910	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	6	
Material Nr. (12NC)	929002408910	
Net Weight (Piece)	0.290 kg	

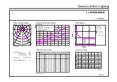
Dimensional drawing



Product	D	С
TForce Core HB 50W E40 865 CN GN3	139 mm	224 mm

TForce Core HB 50W E40 865 CN GN3

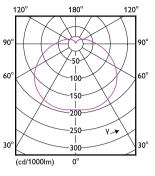
Photometric data



LEDTForce Core HB 50W Tshape E40 865-GUL

LEDTForce Core HB 50W Tshape E27 865-POC

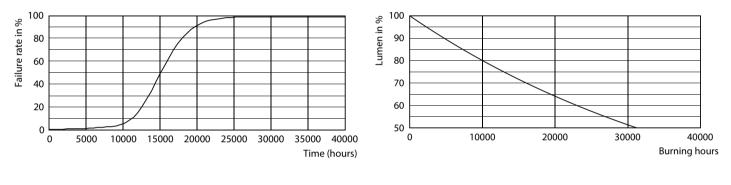
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Photometric data

LEDTForce Core HB 50W Tshape E40-LDD

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram



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