



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

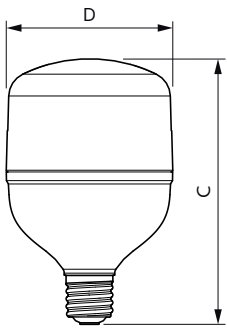
General information		Color Consistency	
Cap-Base	E40 [E40]	Color Consistency	<6
EU RoHS compliant	Yes	Color Rendering Index (Nom)	80
Nominal Lifetime (Nom)	15000 h	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50000X	Operating and electrical	
Light technical		Input Frequency	50 Hz
Color Code	865 [CCT of 6500K]	Power (Nom)	50 W
Beam Angle (Nom)	185 °	Lamp Current (Nom)	418 mA
Luminous Flux (Nom)	5000 lm	Wattage Equivalent	70 W
Color Designation	Cool Daylight	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	6500 K	Warm Up Time to 60% Light (Nom)	0.5 s
Luminous Efficacy (rated) (Nom)	100.00 lm/W	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

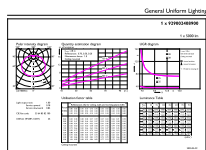
Dimensional drawing



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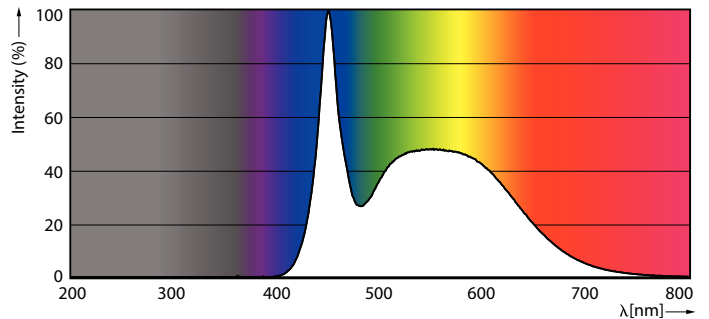
Product	D	C
TForce Core HB 50W E40 865 CN GN3	139 mm	224 mm

Photometric data



General Uniform Lighting
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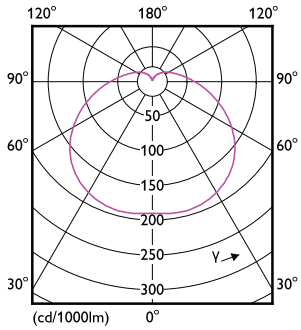
LEDTForce Core HB 50W Tshape E40 865-GUL



LEDTForce Core HB 50W Tshape E27 865-POC

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Photometric data

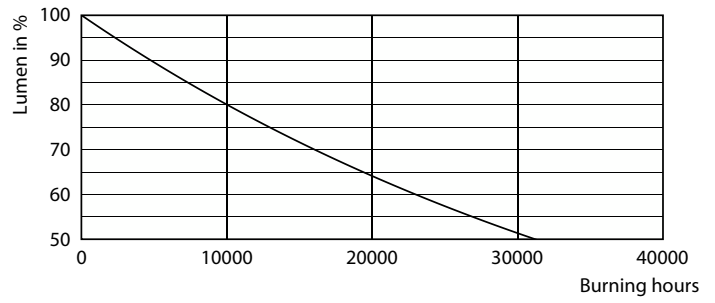


LEDTForce Core HB 50W Tshape E40-LDD

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

