



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

TrueForce Core HB 50W 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 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

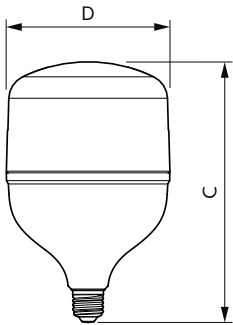
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	E27 [E27]		100.00 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
Nominal Lifetime (Nom)	15000 h	Color Rendering Index (Nom)	80
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Technical Type	50-70W	Operating and Electrical	
Light Technical		Input Frequency	50 to 60 Hz
Color Code	865 [CCT of 6500K]	Power (Nom)	50 W
Beam Angle (Nom)	180 °	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
		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
Approval and Application	
Energy Efficiency Label (EEL)	Not applicable

Energy Consumption kWh/1000 h	- kWh
Product Data	
Full product code	871869978069200
Order product name	TrueForce Core HB 50W E27 865 GN3
EAN/UPC - Product	8718699780692
Order code	929002408808
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002408808
Net Weight (Piece)	0.150 kg

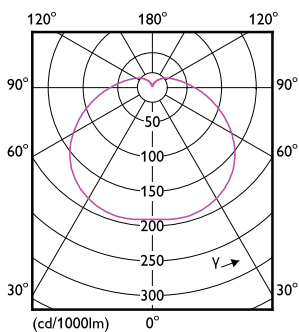
Dimensional drawing



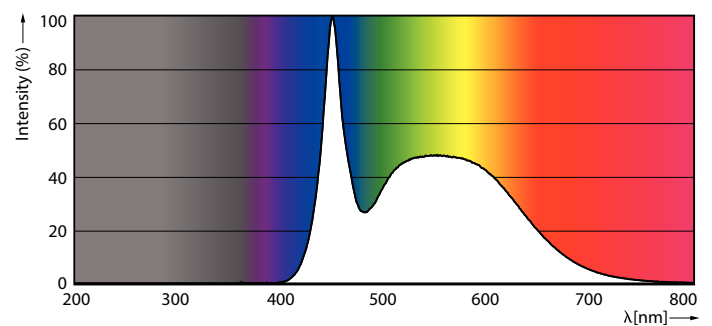
Tforce HB Non-CE GIII 5000lm E27 865 15K

Product	D	C
TrueForce Core HB 50W E27 865 GN3	139 mm	221 mm

Photometric data



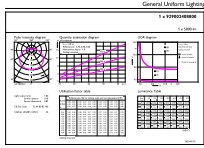
LEDTrueForce Core HB 50W Tshape E27-LDD



LEDTrueForce Core HB 50W Tshape E27 865-POC

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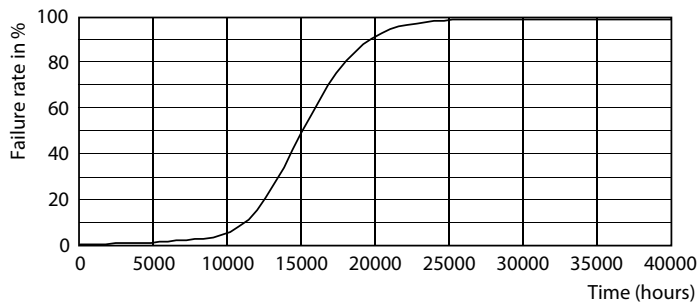
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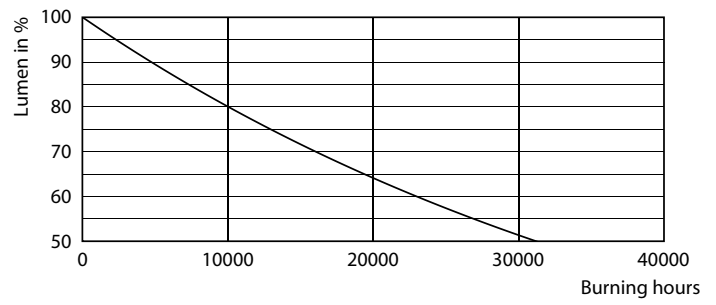
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LEDForce Core HB 50W Tshape E27 865-GUL

Lifetime



15K LED



15K LMP

