



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	
Cap-Base	E27 [E27]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	15000 h
Switching Cycle	50000X
Technical Type	50-70W
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	180 °
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 to 60 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

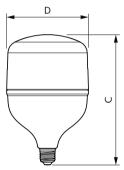
Datasheet, 2021, June 17 data subject to change

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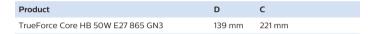
Voltage (Nom)	220-240 V	
Temperature		
T-Case Maximum (Nom)	80 °C	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Shape	T-shape	
Approval and Application		
Energy Efficiency Label (EEL)	Not applicable	

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

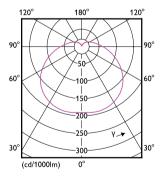
Dimensional drawing



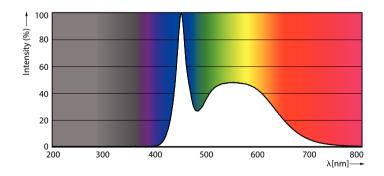
Tforce HB Non-CE GIII 5000lm E27 865 15K



Photometric data



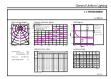
LEDTForce Core HB 50W Tshape E27-LDD



LEDTForce Core HB 50W Tshape E27 865-POC

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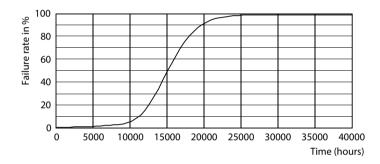
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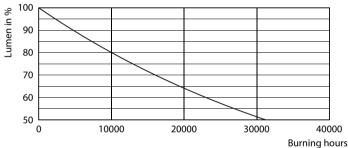


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LEDTForce Core HB 50W Tshape E27 865-GUL

Lifetime





15K LED 15K LMP



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