



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

TrueForce Core HB 45-50W E27 865

Philips TrueForce LED Industrial and Retail lamps give you a quick and easy payback solution to replace HID lamps in Highbay application. The solution gives you the LED benefits of energy-efficiency and long-lifetime, plus they come for a low initial investment. With unique lamp design and compatibility, you can directly retrofit HID lamps with TrueForce LED lamps without changing the fixtures or gear. Multiple beam angle options and high colour rendering index enhance the lighting distribution while creating a comfortable, safe and high productivity environment.

Warnings and Safety

• EM version requires an EM ballast to operate. Please refer to the installation guide or consult a Philips Lighting representative.

Product data

General information		Luminous Flux (Nom)	
Cap-Base	E27 [E27]		4500 lm
EU RoHS compliant	Yes	Color Designation	Cool Daylight
Nominal Lifetime (Nom)	15000 h	Correlated Color Temperature (Nom)	6500 K
Switching Cycle	50000X	Luminous Efficacy (rated) (Nom)	90.00 lm/W
Technical Type	50-70W	Color Consistency	<6
		Color Rendering Index (Nom)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light technical		Operating and electrical	
Color Code	865 [CCT of 6500K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	200 °		

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

Power (Nom)	50 W
Lamp Current (Max)	750 mA
Lamp Current (Min)	350 mA
Wattage Equivalent	70 W
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.45
Voltage (Nom)	100–240 V

Temperature

T-Case Maximum (Nom)	75 °C
----------------------	-------

Controls and dimming

Dimmable	No
----------	----

Mechanical and housing

Bulb Finish	Frosted
-------------	---------

Bulb Shape	T-shape
------------	---------

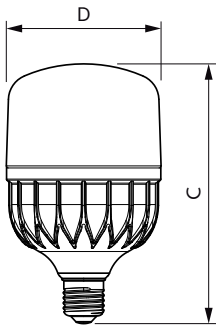
Approval and application

Energy Consumption kWh/1000 h	- kWh
-------------------------------	-------

Product data

Full product code	871869962781200
Order product name	TrueForce Core HB 45–50W E27 865
EAN/UPC - Product	8718699627812
Order code	929001988312
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929001988312
Net Weight (Piece)	0.310 kg

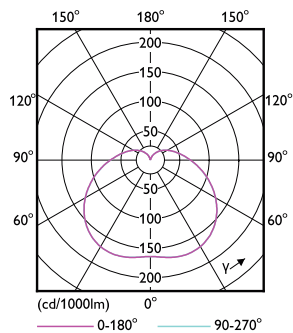
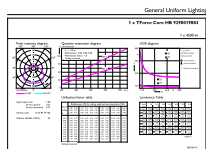
Dimensional drawing



TrueForce Core HB 45-50W E27 865

Product	D	C
TrueForce Core HB 45–50W E27 865	138 mm	221 mm

Photometric data

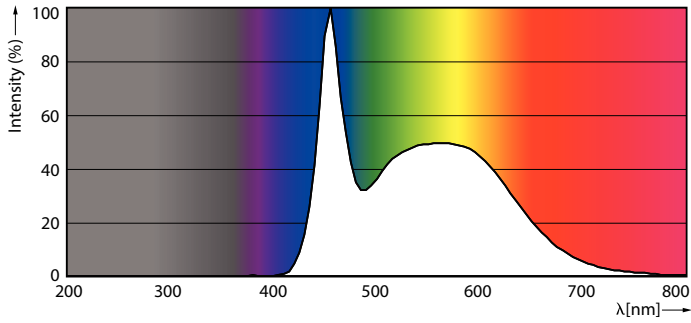


LEDTForce 50W Tshape E27 865

LEDTForce 50W Tshape 865

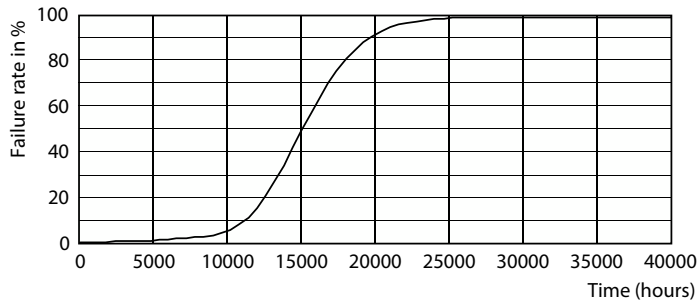
TrueForce LED Industrial and Retail (Highbay – HPI/SON/HPL)

Photometric data

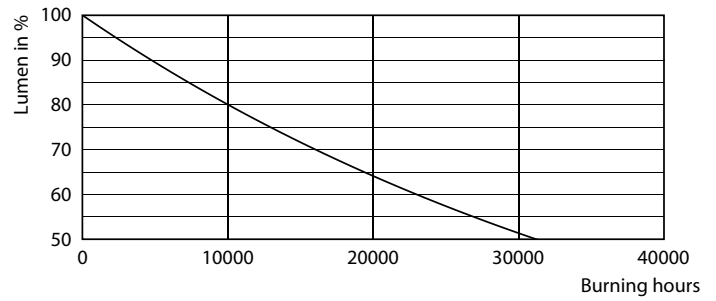


LEDTForce 50W Tshape 865

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

