



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

TrueForce HB 100-85W E40 840 120D LA

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.

Product data

General Information		Operating and Electrical	
Cap-Base	E40 [E40]	Correlated Color Temperature (Nom)	4000 K
EU RoHS compliant	Yes	Luminous Efficacy (rated) (Nom)	117.00 lm/W
Nominal Lifetime (Nom)	25000 h	Color Consistency	<6
Switching Cycle	50000X	Color Rendering Index (Nom)	80
Technical Type	85-250W	LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Input Frequency	50 to 60 Hz
Color Code	840 [CCT of 4000K]	Power (Nom)	85 W
Beam Angle (Nom)	120 °	Lamp Current (Nom)	715 mA
Luminous Flux (Nom)	10000 lm	Wattage Equivalent	250 W
Color Designation	Cool White (CW)	Starting Time (Nom)	0.5 s

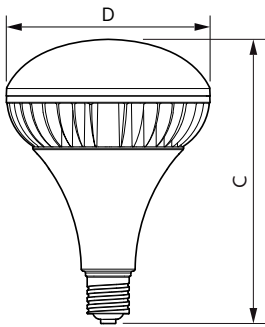
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Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	110-277 V
Temperature	
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Approval and Application	
Energy Efficiency Label (EEL)	A+

Energy Consumption kWh/1000 h	85 kWh
Product Data	
Full product code	871869682672000
Order product name	TrueForce HB 100-85W E40 840 120D LA
EAN/UPC - Product	8718696826720
Order code	929001875712
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	929001875712
Net Weight (Piece)	0.627 kg

Warnings and Safety

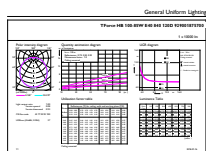
Dimensional drawing



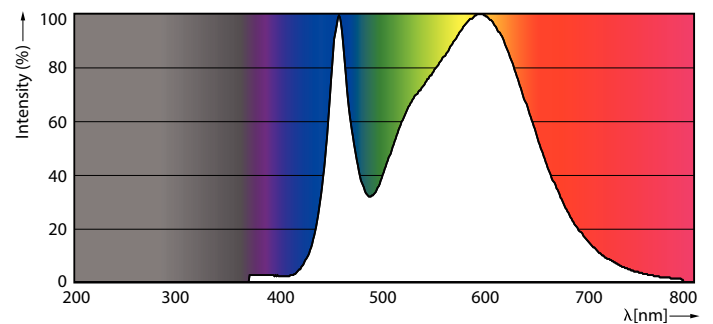
High Bay 50W-5000lm 60D 6500K E40 ND

Product	D	C
TrueForce HB 100-85W E40 840 120D LA	190 mm	270 mm

Photometric data



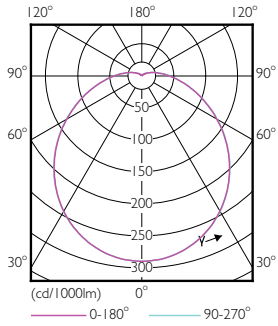
250W E40 Others FR 120D 840 4000K



250W E40 Others FR

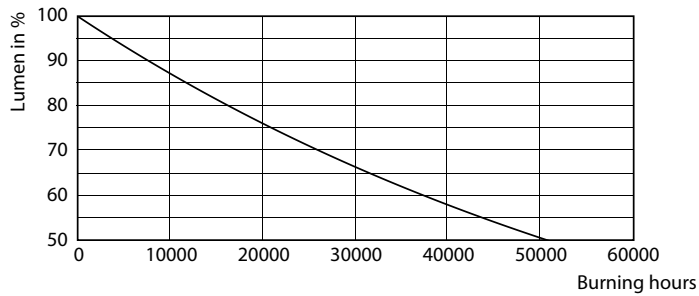
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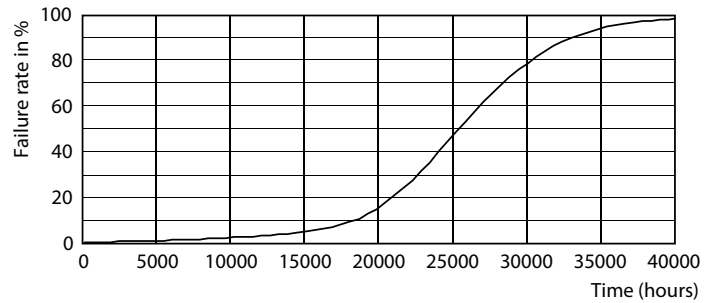


250W E40 Others FR 120D 840 4000K

Lifetime



250W E40 Others FR



250W E40 Others FR

