



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

TrueForce HB 100-85W E40 840 120D GM

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	
Cap-Base	E40 [E40]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Technical Type	85-250W
Light Technical	
Color Code	841 [CCT of 4100K (841)]
Beam Angle (Nom)	120 °
Luminous Flux (Nom)	10000 lm
Color Designation	Cool White (CW)

Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	117.00 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 (Rated) (Nom)	85 W
Lamp Current (Nom)	715 mA
Wattage Equivalent	250 W
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
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
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Approval and Application

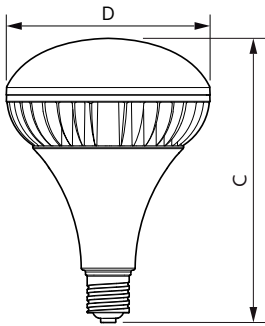
Energy Efficiency Label (EEL)	A+
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Energy Consumption kWh/1000 h	85 kWh
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Product Data

Full product code	871869682656000
Order product name	TrueForce HB 100-85W E40 840 120D GM
EAN/UPC - Product	8718696826560
Order code	929001875708
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	929001875708
Net Weight (Piece)	0.876 kg

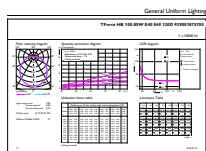
Dimensional drawing



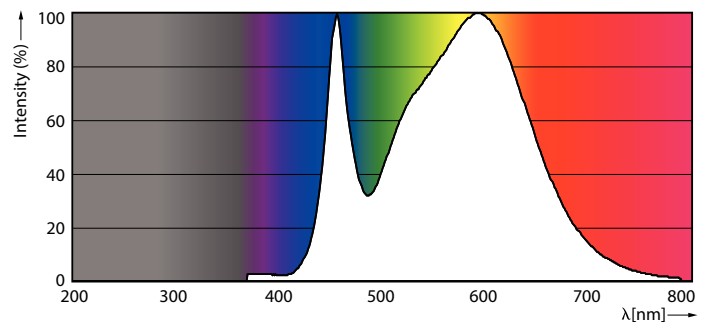
High Bay 50W-5000lm 60D 6500K E40 ND

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

Photometric data



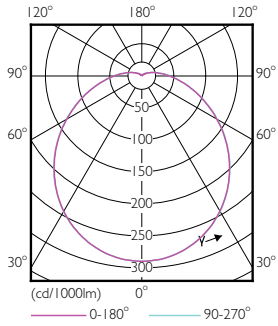
250W E40 Others FR 120D 840 4000K



250W E40 Others FR

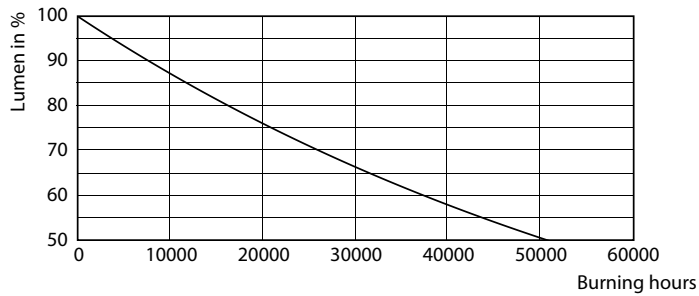
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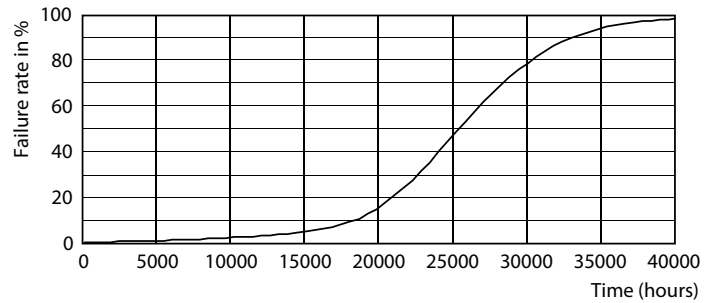


250W E40 Others FR 120D 840 4000K

Lifetime



250W E40 Others FR



250W E40 Others FR

