



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

## TrueForce HB 100-85W E40 865 120D CN

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)	6500 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	865 [ CCT of 6500K]	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 Daylight	Starting Time (Nom)	0.5 s

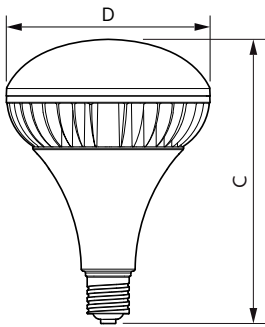
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Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	110–277 V
<b>Temperature</b>	
T-Case Maximum (Nom)	90 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Frosted
<b>Approval and Application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

Energy Consumption kWh/1000 h	85 kWh
<b>Product Data</b>	
Full product code	692234190141600
Order product name	TrueForce HB 100-85W E40 865 120D CN
EAN/UPC - Product	6922341901416
Order code	929001875910
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	929001875910
Net Weight (Piece)	0.880 kg

## Warnings and Safety

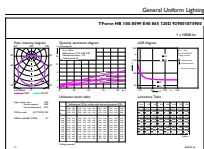
### Dimensional drawing



High Bay 95W-10000lm 60D 6500K E40 ND

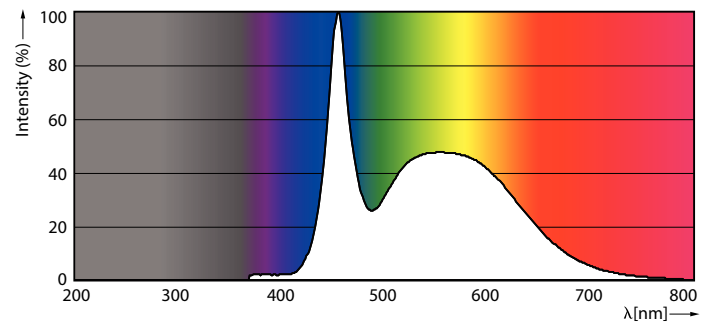
Product	D	C
TrueForce HB 100-85W E40 865 120D CN	190 mm	270 mm

### Photometric data



General Lighting Solutions  
TrueForce HB and HB 120D (250W)  
L120D-01  
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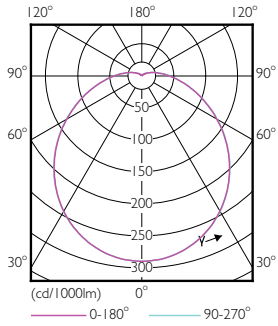
250W E40 Others FR 120D 865 6500K



250W E40 Others FR

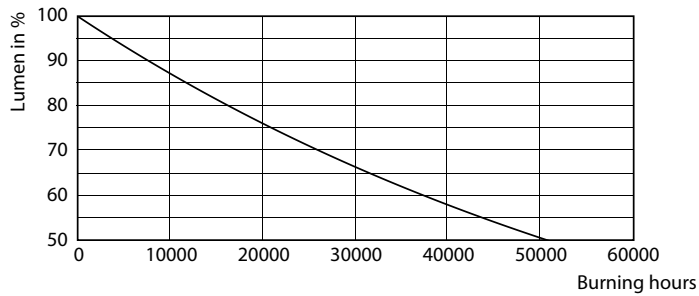
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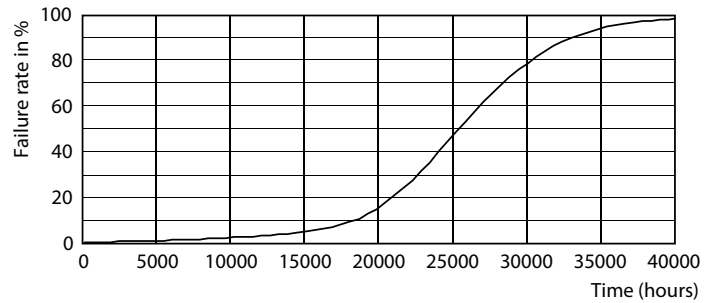


250W E40 Others FR 120D 840 4000K

## Lifetime



250W E40 Others FR



250W E40 Others FR

