



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

TrueForce Core HB 200-160W E40 865 WB 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		Operating and Electrical	
Cap-Base	E40 [E40]	Input Frequency	50 to 60 Hz
Nominal Lifetime (Nom)	25000 h	Power (Nom)	160 W
Switching Cycle	50000X	Lamp Current (Max)	1900 mA
Technical Type	160-400W	Lamp Current (Min)	670 mA
Light Technical		Lamp Current (Nom)	1900 mA
Color Code	865 [CCT of 6500K]	Correlated Color Temperature (Nom)	6500 K
Beam Angle (Nom)	130 °	Luminous Efficacy (rated) (Nom)	125.00 lm/W
Luminous Flux (Nom)	20000 lm	Color Consistency	<6
Luminous Flux (Rated) (Nom)	20000 lm	Color Rendering Index (Nom)	80
Color Designation	Cool Daylight	LLMF At End Of Nominal Lifetime (Nom)	70 %

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Wattage Equivalent	400 W
Starting Time (Nom)	0.7 s
Warm Up Time to 60% Light (Nom)	0.7 s
Power Factor (Nom)	0.9
Lamp Current at 220V	900 mA
Voltage (Nom)	110-277 V

Temperature

T-Case Maximum (Nom)	100 °C
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Controls and Dimming

Dimmable	No
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Approval and Application

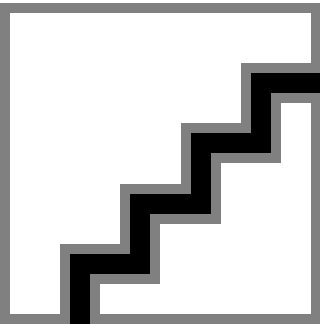
Energy Efficiency Label (EEL)	A+
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Product Data

Full product code	871869676938600
Order product name	TrueForce Core HB 200-160W E40 865 WB GM
EAN/UPC - Product	8718696769386
Order code	929001812708
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	929001812708
Net Weight (Piece)	1.300 kg

Warnings and Safety

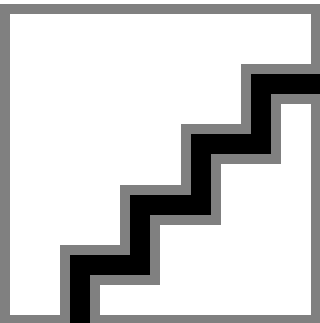
Dimensional drawing



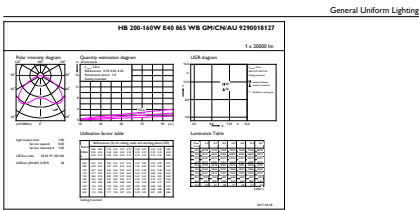
Bulb T50 180-400W 20000lm 6500K E40 ND

Product	D	C
TrueForce Core HB 200-160W E40 865 WB GM	211 mm	252 mm

Photometric data



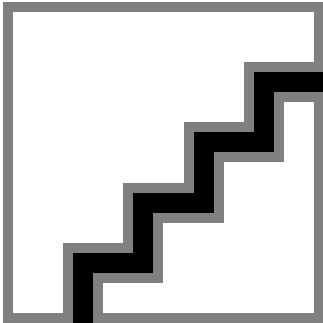
400W E40 T50



400W E40 T50 WB 130D 865 6500K

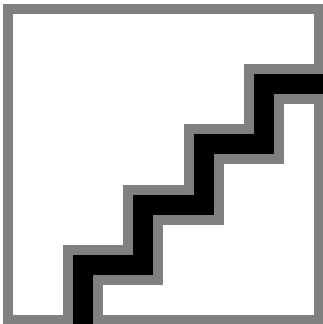
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Photometric data

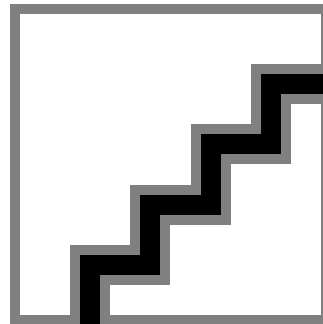


400W E40 T50 130D 865 6500K

Lifetime



250W E40 Others FR



250W E40 Others FR

