



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

TrueForce Core HB 200-160W E40 865 NB 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]
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Technical Type	160-400W
Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	70 °
Luminous Flux (Nom)	20000 lm
Luminous Flux (Rated) (Nom)	20000 lm
Color Designation	Cool Daylight

Correlated Color Temperature (Nom)	6500 K	
Luminous Efficacy (rated) (Nom)	125.00 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 (Nom)	160 W	

1900 mA 400 W

0.7 s

Datasheet, 2019, November 15 data subject to change

Lamp Current (Nom)

Wattage Equivalent
Starting Time (Nom)

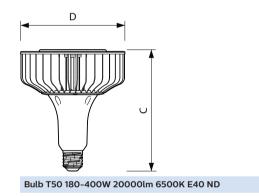
TrueForce LED Industrial and Retail (Highbay - HPI/SON/HPL)

Warm Up Time to 60% Light (Nom)	0.7 s
Power Factor (Nom)	0.9
Lamp Current at 220V	1900 mA
Voltage (Nom)	110-277 V
Temperature	
T-Case Maximum (Nom)	100 ℃
Controls and Dimming	
Dimmable	No
Approval and Application	
Energy Efficiency Label (EEL)	A+

Product Data		
Full product code	871869676936200	
Order product name	TrueForce Core HB 200-160W E40 865 NB GM	
EAN/UPC - Product	8718696769362	
Order code	929001812608	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	2	
Material Nr. (12NC)	929001812608	
Net Weight (Piece)	1.300 kg	

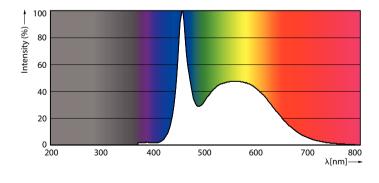
Warnings and Safety

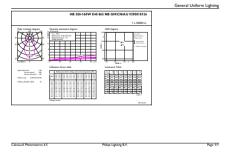
Dimensional drawing



Product	D	С
TrueForce Core HB 200-160W E40 865 NB GM	211 mm	252 mm

Photometric data



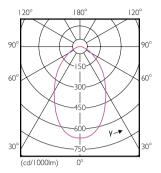


400W E40 T50

400W E40 T50 NB 70D 865 6500K

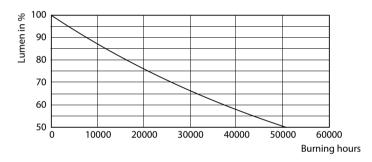
TrueForce LED Industrial and Retail (Highbay - HPI/SON/HPL)

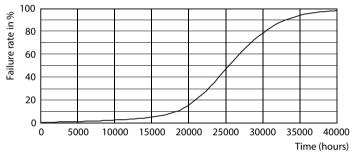
Photometric data



400W E40 T50 70D 865 6500K

Lifetime





250W E40 Others FR

250W E40 Others FR



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.