

# 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
Lamp Current (Nom)	1900 mA
Wattage Equivalent	400 W
Starting Time (Nom)	0.7 s

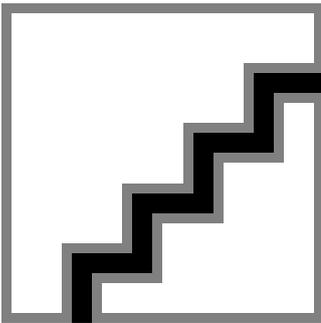
# TrueForce LED Industrial and Retail (Highbay – HPI/SON/HPL)

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
<b>Temperature</b>	
T-Case Maximum (Nom)	100 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Approval and Application</b>	
Energy Efficiency Label (EEL)	A+

<b>Product Data</b>	
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

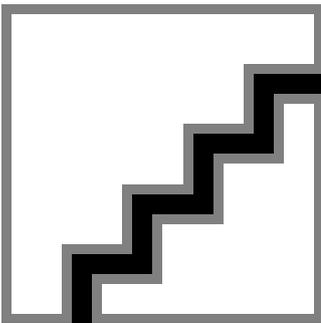
### Dimensional drawing



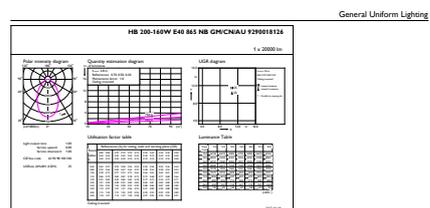
Bulb T50 180-400W 20000lm 6500K E40 ND

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

### Photometric data



400W E40 T50

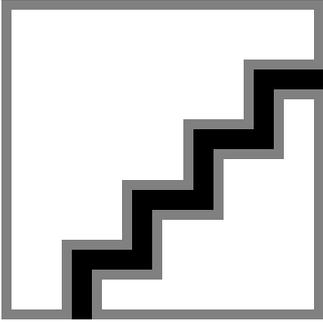


CalculX Prosimetrics 4.5 Philips Lighting B.V. Page 1/1

400W E40 T50 NB 70D 865 6500K

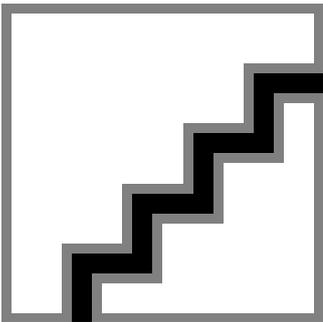
## TrueForce LED Industrial and Retail (Highbay – HPI/SON/HPL)

### Photometric data

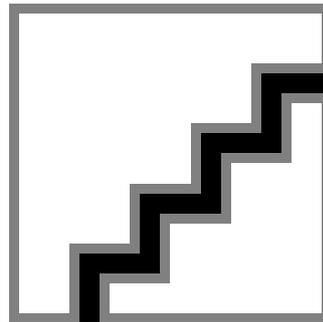


400W E40 T50 70D 865 6500K

### Lifetime



250W E40 Others FR



250W E40 Others FR

