



# TrueForce LED Industrial and Retail Mains

## TForce Core HB 200-160W E40 840 NB LA

Philips TrueForce LED Industrial and Retail (Highbay) lamps give you a quick and easy payback solution to replace HID lamps in Highbay applications. The main solution gives you the LED benefits of energy-efficiency and long-lifetime, and come for a low initial investment. The lamp is designed to connect directly to mains to retrofit HID systems with no gear loss and high power factor. TrueForce LED ensures high quality of light that enhances the lighting distribution with comfortable, safe and highly productive environment.

### Product data

General Information		Color rendering index (CRI)	
Cap-Base	E40 [E40]	Color rendering index (CRI)	80
Nominal lifetime	25,000 hour(s)	LLMF At End Of Nominal Lifetime (Nom)	70 %
Switching Cycle	50,000	Operating and Electrical	
Lighting Technology	LED	Line Frequency	50 to 60 Hz
EU RoHS compliant	Yes	Input Frequency	50 to 60 Hz
Light Technical		Power Consumption	160 W
Color Code	840 [CCT of 4000K]	Lamp Current (Nom)	1,900 mA
Beam Angle (Nom)	70 degree(s)	Starting Time (Nom)	0.7 s
Luminous Flux	20,000 lm	Warm-up time to 60% light	0.7 s
Color Designation	Cool White (CW)	Power Factor (Fraction)	0.9
Correlated Color Temperature (Nom)	4000 K	Voltage (Nom)	110-277 V
Luminous Efficacy (rated) (Nom)	125.00 lm/W		
Color Consistency	<6		

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### Temperature

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

Dimmable	No
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### Mechanical and Housing

Bulb Shape	T50 [T 50mm]
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### Approval and Application

Energy Consumption kWh/1000 h	- kWh
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### Product Data

Order product name	TForce Core HB 200-160W E40 840 NB LA
Full product name	TForce Core HB 200-160W E40 840 NB LA
Full product code	871869677531800
Order code	929001812812
Material Nr. (12NC)	929001812812
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696775318
Numerator - Packs per outer box	2
EAN/UPC - Case	8718696775325

## Dimensional drawing

Product	D	C
TForce Core HB 200-160W E40 840 NB LA	211 mm	252 mm

