PHILIPS Lighting



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		
Cap-Base	E40 [E40]	
Nominal lifetime	25,000 hour(s)	
Switching Cycle	50,000	
Lighting Technology	LED	
EU RoHS compliant	Yes	
Light Technical		
Color Code	840 [CCT of 4000K]	
Beam Angle (Nom)	70 degree(s)	
Luminous Flux	20,000 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	
Luminous Efficacy (rated) (Nom)	125.00 lm/W	
Color Consistency	<6	

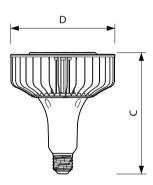
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	160 W
Lamp Current (Nom)	1,900 mA
Starting Time (Nom)	0.7 s
Warm-up time to 60% light	0.7 s
Power Factor (Fraction)	0.9
Voltage (Nom)	110-277 V

TrueForce LED Industrial and Retail Mains

Temperature	
T-Case Maximum (Nom)	100 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	T50 [T 50mm]
Approval and Application	
Energy Consumption kWh/1000 h	- kWh

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	С
TForce Core HB 200-160W E40 840 NB LA	211 mm	252 mm



© 2023 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.