PHILIPS Lighting



The best LED solution for High Intensity Discharge (HID) lamp replacement

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

Philips TrueForce Core LED I&R lamps offer an easy and short payback LED solution to replace High Intensity Discharge (HID) lamps. The products bring the energy efficiency and long lifetime benefits of LED to HID replacement and provide instant saving and low initial investment. With the right lamp size and light distribution, you can easily retrofit TrueForce Core LED I&R lamps and bypass the existing ballast while enhancing the lighting quality.

Benefits

- \cdot Cost saving with short payback time
- Light on the wider working space
- Low initial investment
- \cdot Enhance lighting quality with easy adoption

Features

- \cdot High energy efficiency
- Lifetime 20,000hrs
- \cdot Wide beam angle, 240°
- Bypass ballast and save additional energy
- Pleasant white light with CRI 80

Application

Industrial/retail - warehouses, factories, shops, transport hubs

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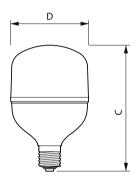
Versions

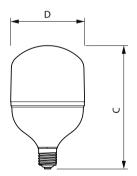




LEDTForce Core HB Tshape E40 1

Dimensional drawing





Product	D	с
TForce Core HB MV ND 60W E40 865 GEN3	140 mm	227 mm

Product	D	с
TForce Core HB MV ND 80W E40 865 GEN3	162 mm	271 mm

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General Information	
Cap-Base	E40
Switching Cycle	50,000
Nominal lifetime	25,000 hour(s)
Light Technical	
Beam Angle (Nom)	150 degree(s)
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	80
Color Code	865
LLMF At End Of Nominal Lifetime	70 %
(Nom)	
Operating and Electrical	
Input Frequency	50 to 60 Hz
Starting Time (Nom)	0.5 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Approval and Application	
Ambient temperature range	-20 to +45 °C

Light Technical

Order Code	Full Product Name	Luminous Flux
929002409918	TForce Core HB MV ND 80W E40 865 GEN3	9,000 lm
929002409618	TForce Core HB MV ND 60W E40 865 GEN3	7,000 lm

Operating and Electrical

Order Code Ful	Ill Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
929002409918 TF	orce Core HB MV ND 80W E40 865 GEN3	80 W	929002409618	TForce Core HB MV ND 60W E40 865 GEN3	60 W

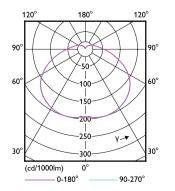
Temperature

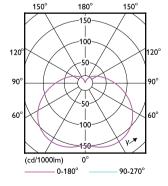
Order Code	Full Product Name	T-Case Maximum (Nom)
929002409918	TForce Core HB MV ND 80W E40 865 GEN3	83 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929002409618	TForce Core HB MV ND 60W E40 865 GEN3	79 ℃

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
929002409918	TForce Core HB MV ND 80W E40 865 GEN3	T160
929002409618	TForce Core HB MV ND 60W E40 865 GEN3	T140





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www.lighting.philips.com 2024, August 29 - data subject to change