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

TrueForce Core HB MV ND 65W E40 865 G3

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.

Product data

General information	
Cap-Base	E40 [E40]
EU RoHS compliant	Yes
Nominal Lifetime (Nom)	25000 h
Switching Cycle	50000X
Technical Type	LEDTECH-LOV
Flux measurement reference	Sphere
Light technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	180 °
Luminous Flux (Nom)	9000 lm
Color Designation	Cool Daylight

Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	138.00 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)	65 W
Lamp Current (Max)	730 mA
Lamp Current (Min)	215 mA
Wattage Equivalent	150 W
Starting Time (Nom)	0.5 s

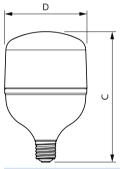
Datasheet, 2022, June 1 data subject to change

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Warm Up Time to 60% Light (Nom)	0.5 s
Power Factor (Nom)	0.9
Voltage (Nom)	100-277 V
Temperature	
T-Ambient (Max)	45 ℃
T-Ambient (Min)	-20 °C
T-Case Maximum (Nom)	80 ℃
Controls and dimming	
Dimmable	No
Mechanical and housing	
Bulb Finish	Frosted
Bulb Shape	T-shape

Approval and application	
Energy Efficiency Class	D
Energy Consumption kWh/1000 h	65 kWh
EPREL Registration Number	804332
Product data	
Full product code	871869978093700
Order product name	TrueForce Core HB MV ND 65W E40 865 G3
EAN/UPC - Product	8718699780937
Order code	929002409908
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002409908
Net Weight (Piece)	0.432 kg

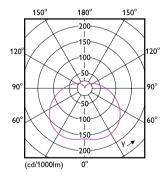
Dimensional drawing



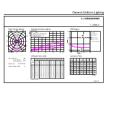
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Product D C TrueForce Core HB MV ND 65W E40 865 G3 160 mm 269 mm

Photometric data



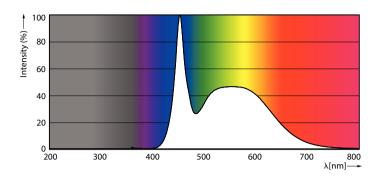




General uniform lighting

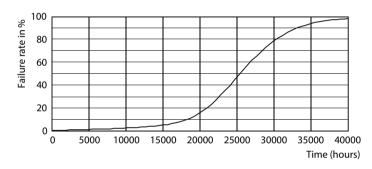
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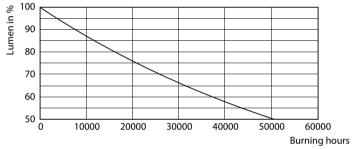
Photometric data



Spectral Power Distribution Colour

Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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