



# 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]	Correlated Color Temperature (Nom)	6500 K
EU RoHS compliant	Yes	Luminous Efficacy (rated) (Nom)	138.00 lm/W
Nominal Lifetime (Nom)	25000 h	Color Consistency	<6
Switching Cycle	50000X	Color Rendering Index (Nom)	80
Technical Type	LEDTECH-LOV	LLMF At End Of Nominal Lifetime (Nom)	70 %
Flux measurement reference	Sphere		
Light technical		Operating and electrical	
Color Code	865 [ CCT of 6500K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	180 °	Power (Nom)	65 W
Luminous Flux (Nom)	9000 lm	Lamp Current (Max)	730 mA
Color Designation	Cool Daylight	Lamp Current (Min)	215 mA
		Wattage Equivalent	150 W
		Starting Time (Nom)	0.5 s

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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 °C
T-Ambient (Min)	-20 °C
T-Case Maximum (Nom)	80 °C

## Controls and dimming

Dimmable	No
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## Mechanical and housing

Bulb Finish	Frosted
Bulb Shape	T-shape

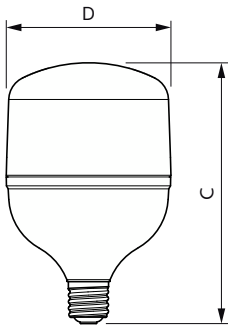
## Approval and application

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

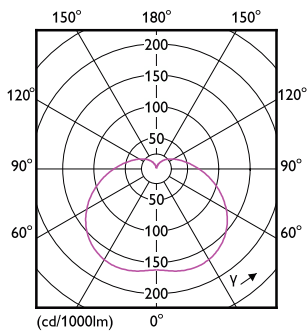
## Dimensional drawing



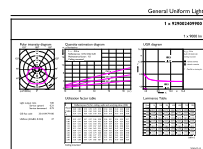
TrueForce Core HB MV ND 65W E40 865 G3

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

## Photometric data



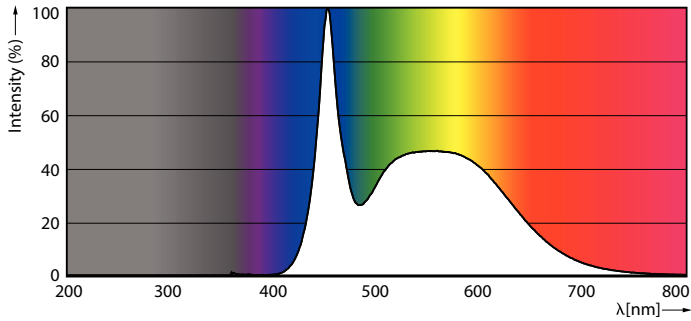
Light Distribution Diagram



General uniform lighting

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## Photometric data



Spectral Power Distribution Colour

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

