



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

## TForce Core HB MV ND 30W E27 840 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	E27 [E27]
<u> </u>	
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Flux measurement reference	Sphere
Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	4,000 lumen
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K

Luminous Efficacy (rated) (Nom)	133.00 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	30 W
Lamp Current (Nom)	154 mA
Wattage Equivalent	125 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s

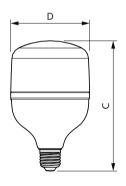
Datasheet, 2023, May 19 data subject to change

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Power Factor (Fraction)	0.9	
Voltage (Nom)	220-240 V	
Temperature		
Ambient temperature range	-20 °C to 45 °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 Consumption kWh/1000 h	30 kWh	

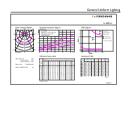
EPREL Registration Number	403,631
CE mark	Yes
EU RoHS compliant	Yes
Product Data	
Full product code	871869978097500
Order product name	TForce Core HB MV ND 30W E27 840 G3
Order code	929002406402
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002406402
Full product name	TForce Core HB MV ND 30W E27 840 G3
EAN/UPC - Case	8718699780982

## Dimensional drawing

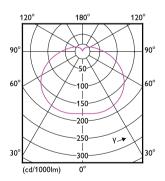


Product	D	С
TForce Core HB MV ND 30W E27 840 G3	100 mm	165 mm

#### Photometric data



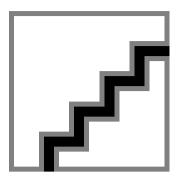




Light Distribution Diagram - TForce Core HB MV ND 30W E27 840 G3

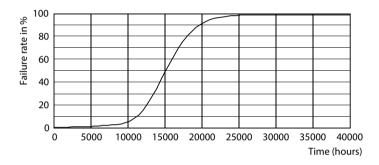
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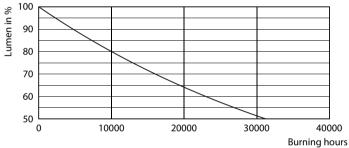
#### Photometric data



Spectral Power Distribution Colour - TForce Core HB MV ND 30W E27 840 G3

#### Lifetime





Life Expectancy Diagram - TForce Core HB MV ND 30W E27 840 G3

Lumen Maintenance Diagram - TForce Core HB MV ND 30W E27 840 G3



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