



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

TrueForce 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 savings 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		Colour designation	
Cap base	E27 [E27]	Colour designation	Cool White (CW)
CE mark	Yes	Correlated Colour Temperature (Nom)	4000 K
EU RoHS compliant	Yes	Luminous efficacy (rated) (nom.)	133.00 lm/W
Nominal lifetime (nom.)	15000 h	Colour consistency	<6
Switching cycle	50000	Colour rendering index (nom.)	80
	Sphere	LLMF at end of nominal lifetime (nom.)	70 %
Tier	CorePro	Operating and electrical	
Light technical		Input frequency	50 to 60 Hz
Colour Code	840 [CCT of 4,000 K]	Power (Rated) (Nom)	30 W
Beam Angle (Nom)	180 °	Lamp current (nom.)	154 mA
Luminous flux (nom.)	4000 lm	Wattage equivalent	125 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)	220-240 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

Lamp Finish	Frosted
Bulb shape	T-shape

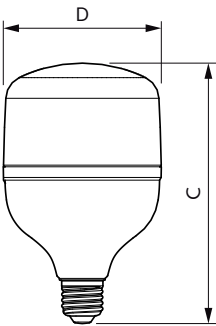
Approval and application

Energy Efficiency Class	E
Energy consumption kWh/1,000 hours	30 kWh
	403631

Product data

Full product code	871869978097500
Order product name	TrueForce Core HB MV ND 30W E27 840 G3
EAN/UPC – product	8718699780975
Order code	78097500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002406402
Net Weight (Piece)	0.078 kg

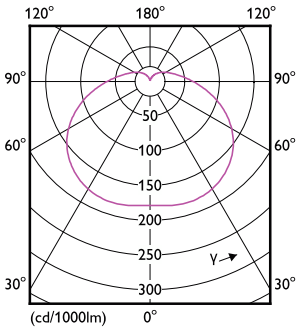
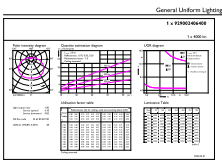
Dimensional drawing



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Product	D	C
TrueForce Core HB MV ND 30W E27 840 G3	100 mm	165 mm

Photometric data

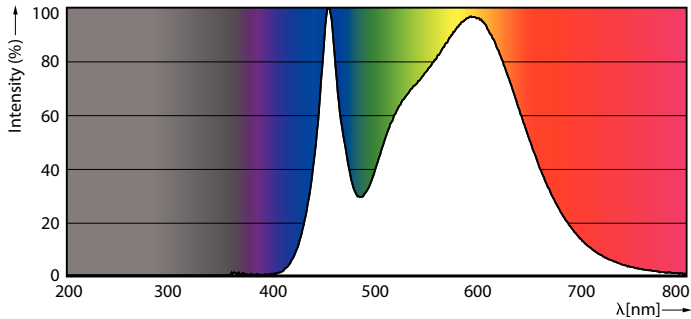


LEDTrueForce Core 30W Tshape E27 840

Light Distribution Diagram

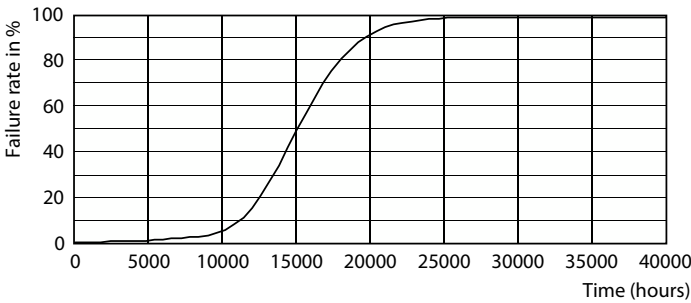
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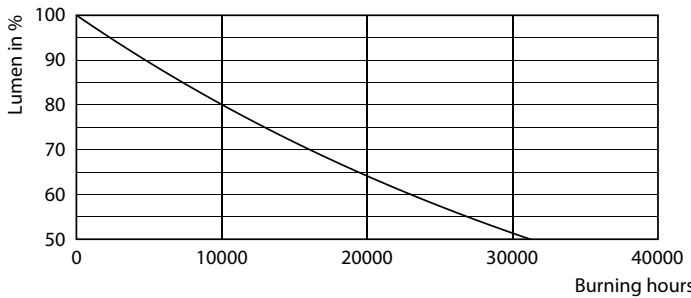


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Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

