



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

## TrueForce Core HB MV ND 20W 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		Operating and Electrical	
Cap-Base	E27 [ E27]	Colour Temperature, horizontal (Nom)	4000 K
EU RoHS compliant	Yes	Luminous Efficacy (rated) (Nom)	135.00 lm/W
Nominal Lifetime (Nom)	15000 h	Color Consistency	<6
Switching Cycle	50000X	Colour Rendering Index horiz (Nom)	80
Technical Type	20-40W	LLMF At End Of Nominal Lifetime (Nom)	70 %
Flux measurement reference	Sphere		
Light Technical		Input Frequency	50 to 60 Hz
Colour Code	840 [ CCT of 4000K]	Power (Rated) (Nom)	20 W
Beam Angle (Nom)	150 °	Lamp Current (Nom)	170 mA
Luminous Flux (Nom)	2700 lm	Wattage Equivalent	40 W
Colour Designation	Cool White (CW)	Starting Time (Nom)	0.5 s
		Warm Up Time to 60% Light (Nom)	0.5 s

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Power Factor (Nom)	0.5
Voltage (Nom)	220-240 V

## Temperature

T-Case Maximum (Nom)	85 °C
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## Controls and Dimming

Dimmable	No
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## Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	T-shape

## Approval and Application

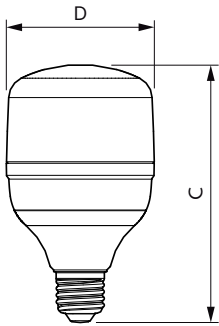
Energy Efficiency Class	D
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Energy Consumption kWh/1000 h	20 kWh
EPREL Registration Number	403629

## Product Data

Full product code	871869978103300
Order product name	TrueForce Core HB MV ND 20W E27 840 G3
EAN/UPC - Product	8718699781033
Order code	78103300
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002405802
Net Weight (Piece)	0.048 kg

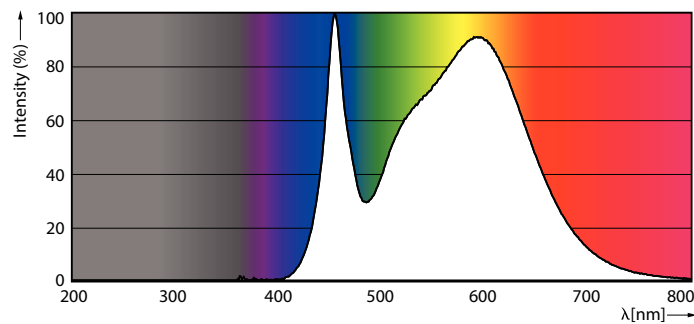
## Dimensional drawing



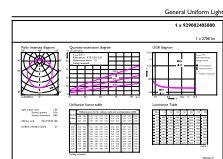
Tforce HB CE GIII 2700lm E27 840 15K

Product	D	C
TrueForce Core HB MV ND 20W E27 840 G3	80 mm	139 mm

## Photometric data



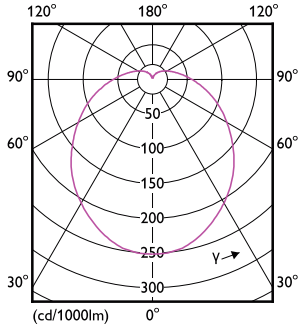
LEDTForce Core 20W Tshape E27 840



LEDTForce Core 20W Tshape E27 840

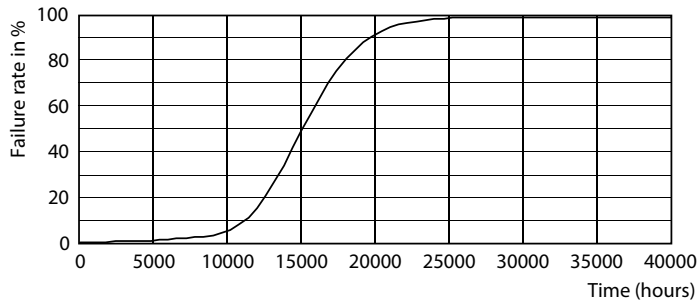
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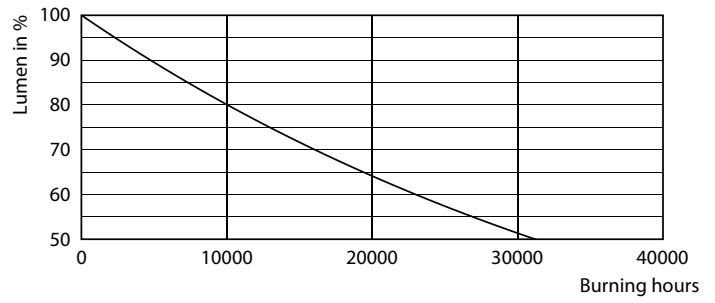


LEDTrueForce Core 20W Tshape E27

## Lifetime



15K LED



15K LMP

