



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

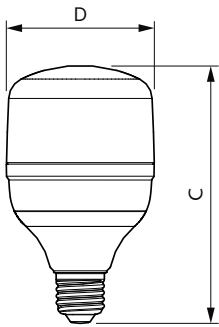
General Information			
Cap-Base	E27 [E27]	Luminous Efficacy (rated) (Nom)	135.00 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
Nominal Lifetime (Nom)	15000 h	Colour Rendering Index horiz (Nom)	80
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Technical Type	20-40W	Operating and Electrical	
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
Colour Temperature, horizontal (Nom)	4000 K	Warm Up Time to 60% Light (Nom)	0.5 s
		Power Factor (Nom)	0.5

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Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	85 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Approval and Application	
Energy Efficiency Label	A++

Energy Consumption kWh/1000 h	20 kWh
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

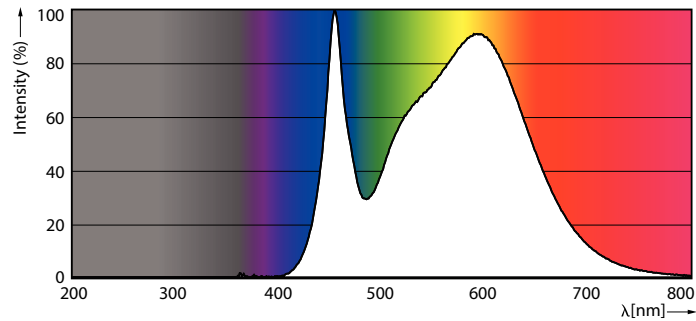
Dimensional drawing



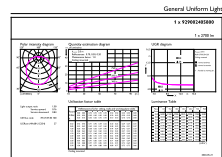
Tforce HB CE GIII 2700lm E27 840 15K

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

Photometric data



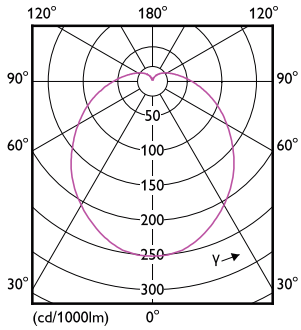
LEDTrueForce Core 20W Tshape E27 840



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Photometric data



LEDTrueForce Core 20W Tshape E27

Lifetime



15K LED



15K LMP

