



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

## TrueForce Core HB MV ND 50-42W E27 840

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

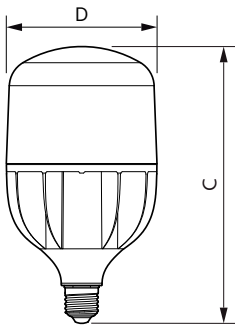
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	E27 [ E27]		119.00 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
Nominal Lifetime (Nom)	20000 h	Color Rendering Index (Nom)	80
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Technical Type	42-70W		
Light Technical		Operating and Electrical	
Color Code	840 [ CCT of 4000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	240 °	Power (Nom)	42 W
Luminous Flux (Nom)	5000 lm	Lamp Current (Nom)	240 mA
Color Designation	Cool White (CW)	Wattage Equivalent	70 W
Correlated Color Temperature (Nom)	4000 K	Starting Time (Nom)	0.5 s
		Warm Up Time to 60% Light (Nom)	0.5 s
		Power Factor (Nom)	0.9

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Voltage (Nom)	220-240 V
<b>Temperature</b>	
T-Case Maximum (Nom)	100 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb Finish	Frosted
<b>Approval and Application</b>	
Energy Efficiency Label (EEL)	A+

Energy Consumption kWh/1000 h	42 kWh
<b>Product Data</b>	
Full product code	871869959718400
Order product name	TrueForce Core HB MV ND 50-42W E27 840
EAN/UPC - Product	8718699597184
Order code	929001938302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929001938302
Net Weight (Piece)	0.233 kg

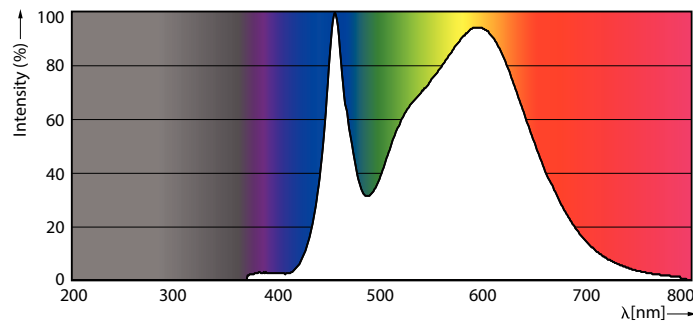
## Dimensional drawing



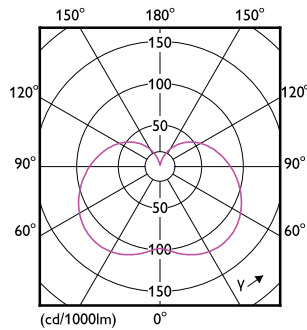
TForce HB 45-50W E27 840 220D

Product	D	C
TrueForce Core HB MV ND 50-42W E27 840	123 mm	225 mm

## Photometric data



LED TForce Core HB MV 50-42W E27 T-shape Frosted 840 24D ND



LED TForce Core HB MV 48-42W E27 T-shape Frosted 830 24D ND

