



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

TrueForce Core HB MV ND 48-42W E27 830

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

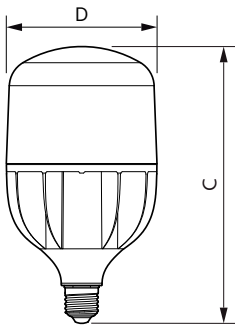
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	E27 [E27]	Luminous Efficacy (rated) (Nom)	114.00 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
Nominal Lifetime (Nom)	20000 h	Colour Rendering Index horiz (Nom)	80
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Technical Type	42-70W	Operating and Electrical	
Light Technical		Input Frequency	50 to 60 Hz
Colour Code	830 [CCT of 3000K]	Power (Rated) (Nom)	42 W
Beam Angle (Nom)	240 °	Lamp Current (Nom)	240 mA
Luminous Flux (Nom)	4800 lm	Wattage Equivalent	70 W
Colour Designation	White (WH)	Starting Time (Nom)	0.5 s
Colour Temperature, horizontal (Nom)	3000 K	Warm Up Time to 60% Light (Nom)	0.5 s
		Power Factor (Nom)	0.9

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

Energy Consumption kWh/1000 h	42 kWh
Product Data	
Full product code	871869959716000
Order product name	TrueForce Core HB MV ND 48-42W E27 830
EAN/UPC - Product	8718699597160
Order code	59716000
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929001938202
Net Weight (Piece)	0.233 kg

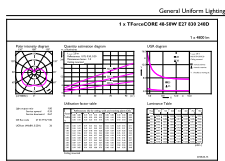
Dimensional drawing



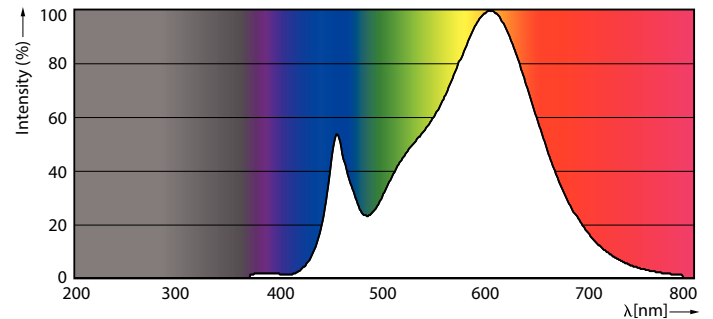
TForce HB 45-50W E27 830 220D

Product	D	C
TrueForce Core HB MV ND 48-42W E27 830	123 mm	225 mm

Photometric data



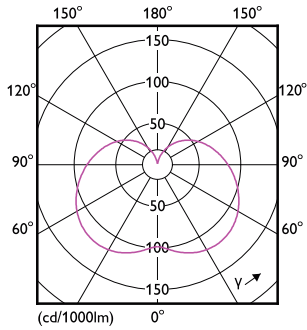
LED TForce Core HB MV 48-42W E27 T-shape Frosted 830 24D ND



LED TForce Core HB MV 26-24W E27 T-shape Frosted 830 24D ND

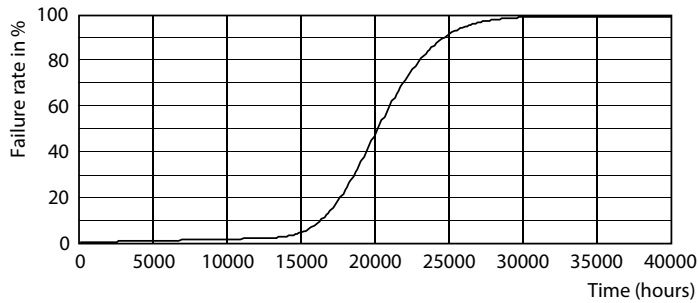
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Photometric data

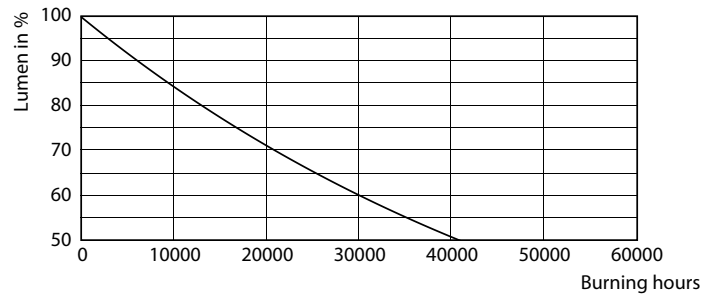


LED TForce Core HB MV 48-42W E27 T-shape Frosted 830 24D ND

Lifetime



LED TForce Core HB MV 26-24W E27 T-shape Frosted 830 24D ND



LED TForce Core HB MV 26-24W E27 T-shape Frosted 830 24D ND

