

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

TForce Core HB 50W E27 865 WV G3

LED HPI, T-shape, Mains only, 100-240 V, 50 W, 75W CFL, 70W HID, E27, 6500 K, 5000 lm, 15000 hour(s)

LED HPI, T-shape, Mains only, 100-240 V, 50 W, LED alternative to 75W CFL, 70W HID, E27, 6500 K, 5000 lm, 15000 hour(s), 100.00 lm/W

Product data

General Information	
Cap-Base	E27
Nominal lifetime	15,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED HPI
Warranty period	1 years

Light Technical	
Color Code	865 [CCT of 6500K]
Beam Angle (Nom)	180 degree(s)
Luminous Flux	5,000 lm
Color Designation	Cool Daylight
Correlated Color Temperature (Nom)	6500 K
Luminous Efficacy (rated) (Nom)	100.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	50 W
Lamp Current (Nom)	735 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5

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Voltage (Nom)	100-240 V
Wattage Equivalent (LED HID only)	75W CFL, 70W HID
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	78 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	T-shape
Net Weight (Piece)	0.150 kg

Approval and Application

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	50 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

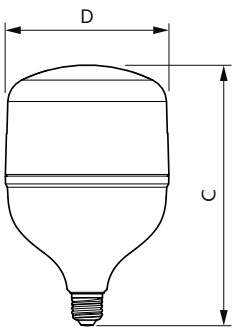
Application Conditions

Wireless Technology	Not applicable

Product Data

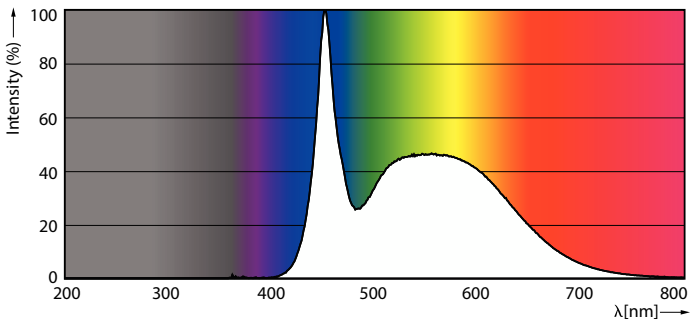
Order product name	TForce Core HB 50W E27 865 WV G3
Full product name	TForce Core HB 50W E27 865 WV G3
Full product code	871869978047000
Order code	929002410312
Material Nr. (12NC)	929002410312
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699780470
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699780487

Dimensional drawing

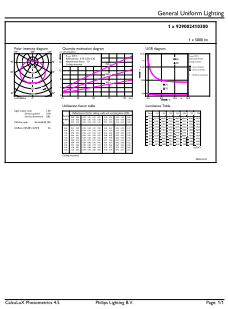


Product	D	C
TForce Core HB 50W E27 865 WV G3	140 mm	221 mm

Photometric data



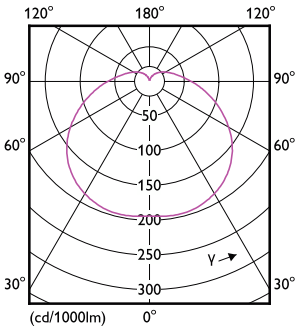
Spectral Power Distribution Colour - TForce Core HB 50W E27 865 WV G3



General uniform lighting - TForce Core HB 50W E27 865 WV G3

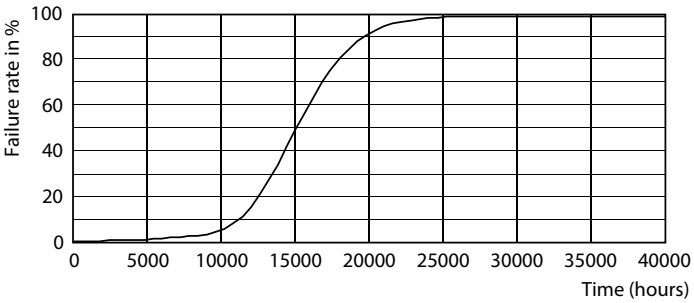
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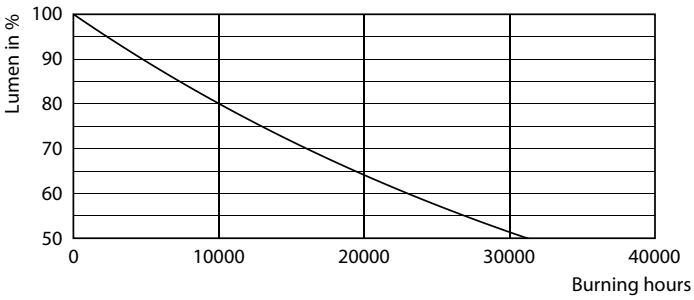


Light Distribution Diagram - TForce Core HB 50W E27 865 WV G3

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core HB 50W E27 865 WV G3

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