



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

TForce Core HB 40W E27 865 WW

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]	Correlated Color Temperature (Nom)	6500 K
EU RoHS compliant	Yes	Luminous Efficacy (rated) (Nom)	120.00 lm/W
Nominal lifetime	25,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
Brand	Philips		
Light Technical			
Color Code	865 [CCT of 6500K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	180 degree(s)	Input Frequency	50 to 60 Hz
Luminous Flux	4,800 lumen	Power Consumption	40 W
Color Designation	Cool Daylight	Lamp Current (Nom)	375 mA
		Wattage Equivalent	100 W
		Starting Time (Nom)	0.5 s

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Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.92
Voltage (Nom)	100-240 V

Temperature

Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	68.7 °C

Controls and Dimming

Dimmable	No
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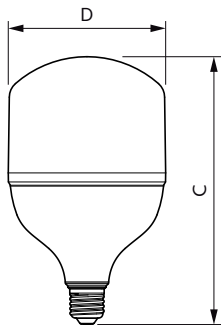
Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	T-shape

Product Data

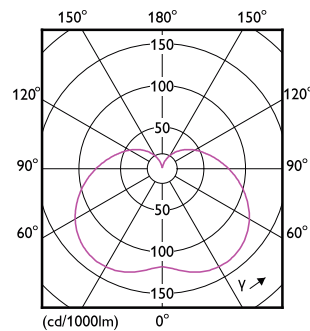
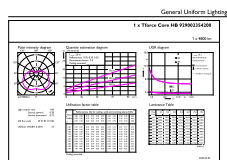
Full product code	871869975023700
Order product name	TForce Core HB 40W E27 865 WV
Order code	929002354212
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002354212
Net weight	0.204 kg
Full product name	TForce Core HB 40W E27 865 WV
EAN/UPC - Case	8718699750244

Dimensional drawing



Product	D	C
TForce Core HB 40W E27 865 WV	125 mm	215 mm

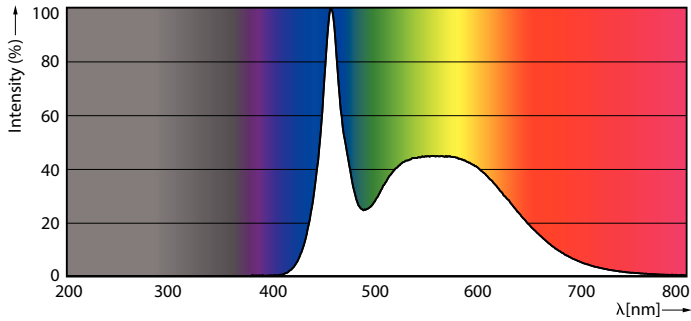
Photometric data



Light Distribution Diagram - TForce Core HB 40W E27 865 WV

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Photometric data



Spectral Power Distribution Colour - TForce Core HB 40W E27 865 WV

Lifetime



Life Expectancy Diagram - TForce Core HB 40W E27 865 WV



Lumen Maintenance Diagram - TForce Core HB 40W E27 865 WV

