



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

TForce Core HB 30W E27 840 CN GN3

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

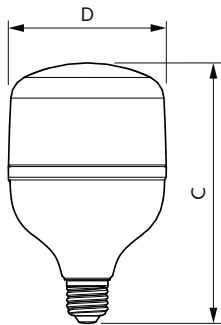
General Information		Operating and Electrical	
Cap-Base	E27 [E27]	Luminous Efficacy (rated) (Nom)	106.00 lm/W
Nominal lifetime	15,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes	Line Frequency	50 Hz
		Input Frequency	50 Hz
Light Technical		Power Consumption	30 W
Color Code	840 [CCT of 4000K]	Lamp Current (Nom)	245 mA
Beam Angle (Nom)	185 degree(s)	Starting Time (Nom)	0.5 s
Luminous Flux	3,200 lm	Warm-up time to 60% light	0.5 s
Color Designation	Cool White (CW)	Power Factor (Fraction)	0.5
Correlated Color Temperature (Nom)	4000 K		

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Voltage (Nom)	220-240 V
Temperature	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	75 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T-shape

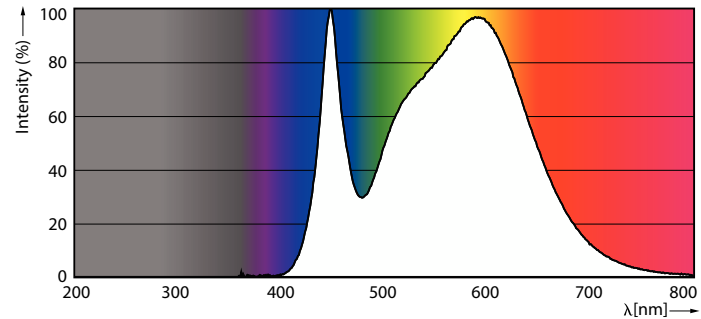
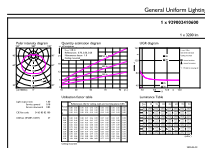
Product Data	
Order product name	TForce Core HB 30W E27 840 CN GN3
Full product name	TForce Core HB 30W E27 840 CN GN3
Full product code	692234190842200
Order code	929002410610
Material Nr. (12NC)	929002410610
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	6922341908422
Numerator - Packs per outer box	6
EAN/UPC - Case	6922341908439

Dimensional drawing



Product	D	C
TForce Core HB 30W E27 840 CN GN3	100 mm	165 mm

Photometric data

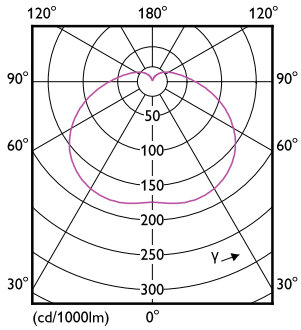


General uniform lighting - TForce Core HB 30W E27 840 CN GN3

Spectral Power Distribution Colour - TForce Core HB 30W E27 840 CN GN3

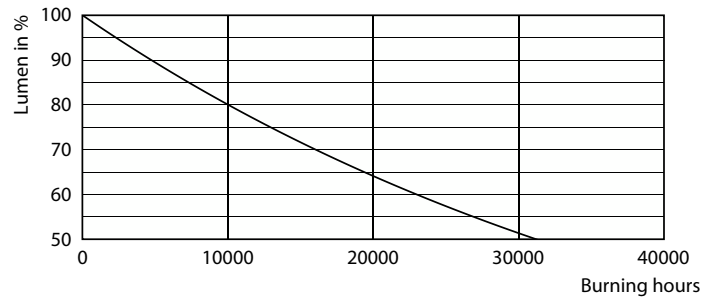
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Photometric data



Light Distribution Diagram - TForce Core HB 30W E27 840 CN GN3

Lifetime



Life Expectancy Diagram - TForce Core HB 30W E27 840 CN GN3

Lumen Maintenance Diagram - TForce Core HB 30W E27 840 CN GN3

