



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

TForce Core HB 30W E27 830 GN3

LED HPI, T-shape, Mains only, 30 W, E27, 3000 K, 3000 lm, 15000 hour(s)

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			
Cap-Base	E27	Luminous Flux	3,000 lm
Nominal lifetime	15,000 hour(s)	Color Designation	White (WH)
Switching Cycle	50,000	Correlated Color Temperature (Nom)	3000 K
Lighting Technology	LED HPI	Luminous Efficacy (rated) (Nom)	100.00 lm/W
Warranty period	1 years	Color Consistency	<6
		Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical		Operating and Electrical	
Color Code	830 [CCT of 3000K]	Line Frequency	50 to 60 Hz
Beam Angle (Nom)	180 degree(s)		

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Input Frequency	50 to 60 Hz
Power Consumption	30 W
Lamp Current (Nom)	245 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	75 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	T-shape
Net Weight (Piece)	0.078 kg

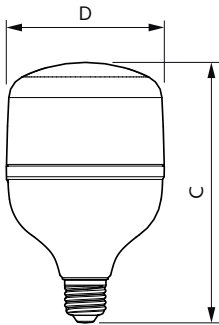
Approval and Application

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	30 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

Product Data

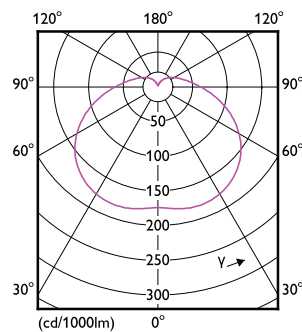
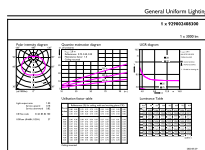
Order product name	TForce Core HB 30W E27 830 GN3
Full product name	TForce Core HB 30W E27 830 GN3
Full product code	871869978059300
Order code	929002408308
Material Nr. (12NC)	929002408308
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699780593
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699780609

Dimensional drawing



Product	D	C
TForce Core HB 30W E27 830 GN3	100 mm	165 mm

Photometric data

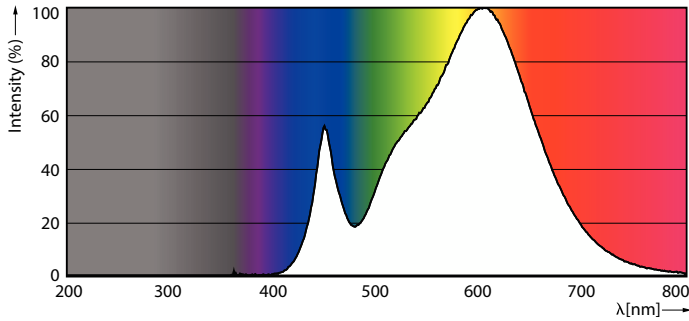


General uniform lighting - TForce Core HB 30W E27 830 GN3

Light Distribution Diagram - TForce Core HB 30W E27 830 GN3

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Photometric data



Spectral Power Distribution Colour - TForce Core HB 30W E27 830 GN3

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core HB 30W E27 830 GN3

