



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

TForce Core HB 25W E27 830 GN3

LED HPI, T-shape, Mains only, 220-240 V, 25 W, 55W CFL, 40W HID, E27, 3000 K, 2600 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	2,600 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)	104.00 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	25 W
Lamp Current (Nom)	200 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
Wattage Equivalent (LED HID only)	55W CFL, 40W HID
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	90 °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)	0.048 kg

Approval and Application

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	25 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C

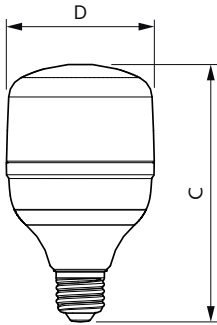
Application Conditions

Wireless Technology	Not applicable
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Product Data

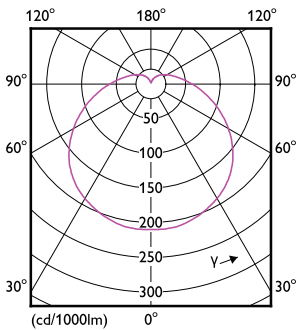
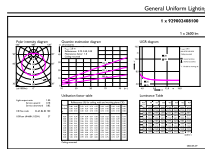
Order product name	TForce Core HB 25W E27 830 GN3
Full product name	TForce Core HB 25W E27 830 GN3
Full product code	87186997805500
Order code	929002408108
Material Nr. (12NC)	929002408108
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699780555
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699780562

Dimensional drawing



Product	D	C
TForce Core HB 25W E27 830 GN3	80 mm	139 mm

Photometric data

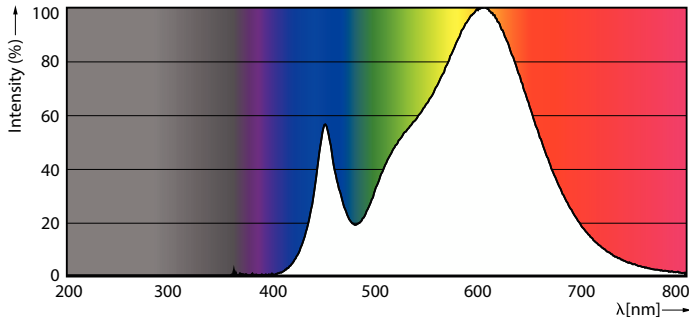


General uniform lighting - TForce Core HB 25W E27 830 GN3

Light Distribution Diagram - TForce Core HB 25W E27 830 GN3

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Photometric data



Spectral Power Distribution Colour - TForce Core HB 25W E27 830 GN3

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core HB 25W E27 830 GN3

