



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

## TrueForce Core HB 30W E27 830 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 savings 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

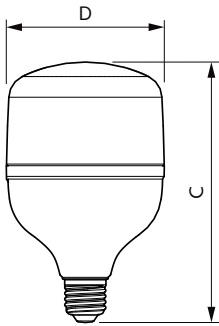
General Information		Operating and Electrical	
Cap base	E27 [ E27]	Lamp Luminous Efficacy EM (Nom)	100.00 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
Nominal lifetime (nom.)	15000 h	Colour Rendering Index,horiz (Nom)	80
Switching cycle	50,000X	LLMF at end of nominal lifetime (nom.)	70 %
Technical type	30-45W		
Light Technical			
Colour Code	830 [ CCT of 3,000 K]	Input frequency	50 to 60 Hz
Technical Beam Angle (Nom)	180 °	Power (Rated) (Nom)	30 W
Lamp Luminous Flux 25°C EL (Nom)	3000 lm	Lamp current (nom.)	245 mA
Colour Designation	White (WH)	Wattage equivalent	45 W
Colour Temperature, horizontal (Nom)	3000 K	Starting time (nom.)	0.5 s
		Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.5

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Voltage (Nom)	220-240 V
<b>Temperature</b>	
T-Case maximum (nom.)	80 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Lamp Finish	Frosted
Bulb shape	T-shape
<b>Approval and Application</b>	
Energy consumption kWh/1,000 hours	- kWh

<b>Product Data</b>	
Full product code	871869978059300
Order product name	TrueForce Core HB 30W E27 830 GN3
EAN/UPC – product	8718699780593
Order code	929002408308
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002408308
SAP net weight (piece)	0.078 kg

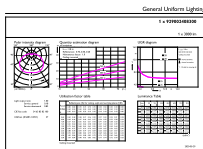
## Dimensional drawing



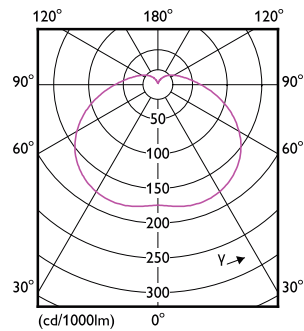
TrueForce Core HB 30W E27 830 GN3

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

## Photometric data



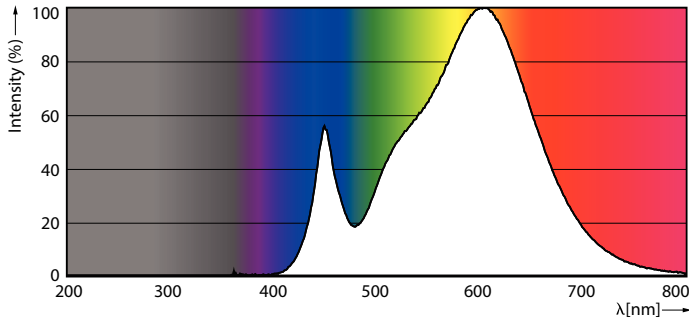
LEDTForce Core HB 30W Tshape E27 830-GUL



LEDTForce Core HB 30W Tshape E27-LDD

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## Photometric data

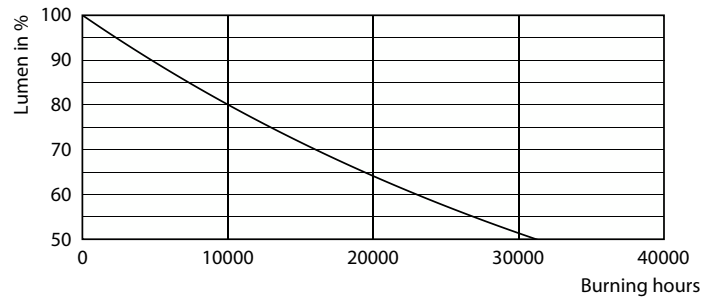


LEDTForce Core HB 30W Tshape E27 830-POC

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

