

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

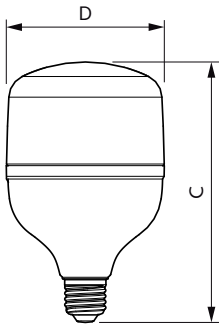
General information		Lamp Luminous Efficacy EM (Nom)	
Cap base	E27 [E27]	Lamp Luminous Efficacy EM (Nom)	100.00 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
Nominal lifetime (nom.)	15000 h	Colour Rendering Index,horiz (Nom)	80
Switching cycle	50000	LLMF at end of nominal lifetime (nom.)	70 %
Technical type	30-45W	Operating and electrical	
Light technical		Input frequency	50 to 60 Hz
Colour Code	830 [CCT of 3,000 K]	Technical Lamp Power (Nom)	30 W
Technical Beam Angle (Nom)	180 °	Lamp current (nom.)	245 mA
Lamp Luminous Flux 25°C EL (Nom)	3000 lm	Wattage equivalent	45 W
Colour Designation	White (WH)	Starting time (nom.)	0.5 s
Colour Temperature, horizontal (Nom)	3000 K	Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.5

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

Voltage (nom.)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-Case maximum (nom.)	75 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Lamp Finish	Frosted
Bulb shape	T-shape

Approval and application	
Energy consumption kWh/1,000 hours	- kWh
Product data	
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
Net Weight (Piece)	0.078 kg

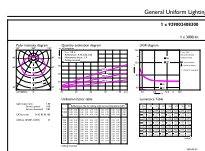
Dimensional drawing



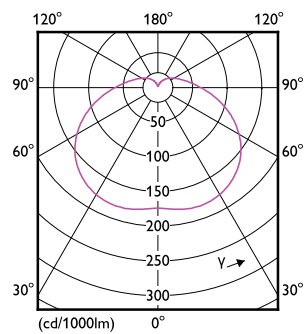
TrueForce Core HB 30W E27 830 GN3

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

Photometric data



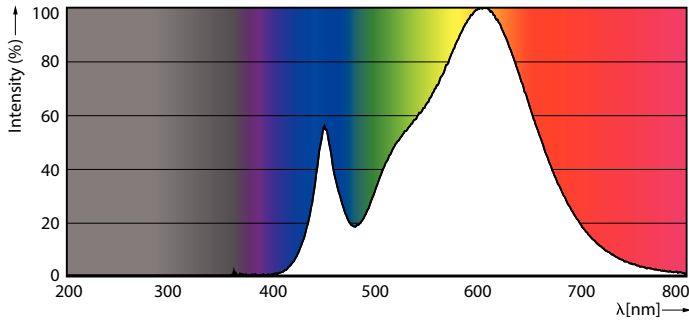
LEDTForce Core HB 30W Tshape E27 830-GUL



LEDTForce Core HB 30W Tshape E27-LDD

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

Photometric data

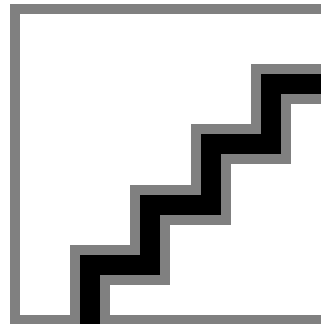


LEDTrueForce Core HB 30W Tshape E27 830-POC

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

