

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

TrueForce Core HB 25W 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

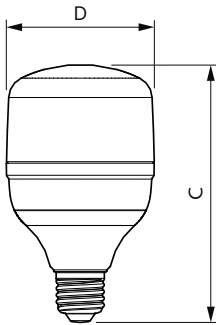
General information		Operating and electrical	
Cap base	E27 [E27]	Lamp Luminous Efficacy EM (Nom)	104.00 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
Nominal lifetime (nom.)	15000 h	Colour Rendering Index,horiz (Nom)	80
Switching cycle	50000	LLMF at end of nominal lifetime (nom.)	70 %
Technical type	25-40W		
Light technical			
Colour Code	830 [CCT of 3,000 K]	Input frequency	50 to 60 Hz
Technical Beam Angle (Nom)	180 °	Power (Rated) (Nom)	25 W
Lamp Luminous Flux 25°C EL (Nom)	2600 lm	Lamp current (nom.)	200 mA
Colour Designation	White (WH)	Wattage equivalent	40 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
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-Case maximum (nom.)	90 °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	871869978055500
Order product name	TrueForce Core HB 25W E27 830 GN3
EAN/UPC – product	8718699780555
Order code	929002408108
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002408108
Net Weight (Piece)	0.048 kg

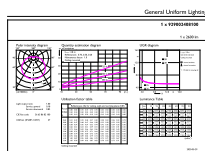
Dimensional drawing



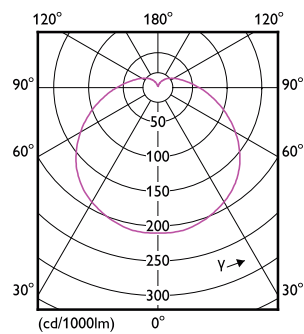
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Product	D	C
TrueForce Core HB 25W E27 830 GN3	80 mm	139 mm

Photometric data



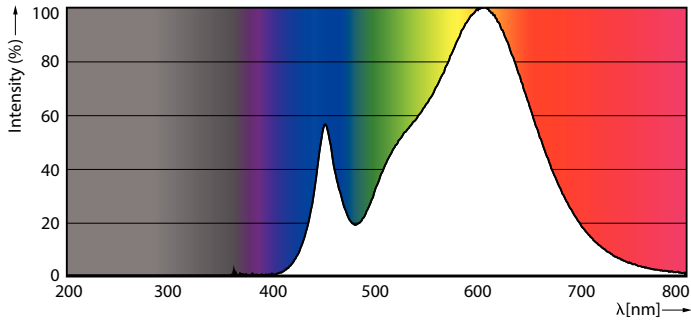
LEDTForce Core HB 25W Tshape E27 830-GUL



LEDTForce Core HB 25W Tshape E27-LDD

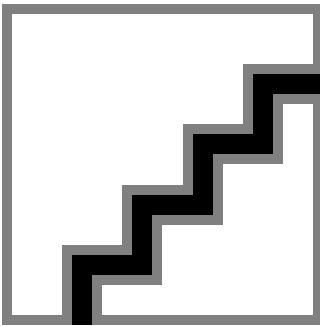
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Photometric data

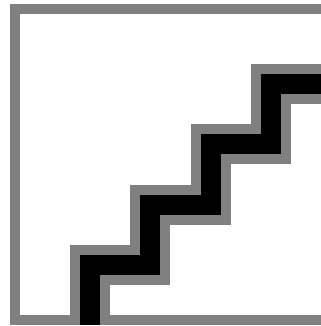


LEDTrueForce Core HB 25W Tshape E27 830-POC

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

