

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

TrueForce Core HB 40W E27 865 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

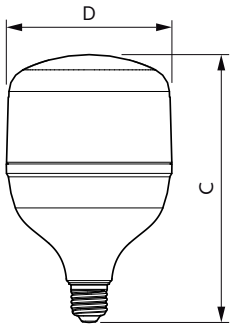
General information		Lamp Luminous Efficacy EM (Nom)	
Cap base	E27 [E27]		100.00 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
Nominal lifetime (nom.)	15000 h	Colour Rendering Index,horiz (Nom)	80
Switching cycle	50000	LLMF at end of nominal lifetime (nom.)	70 %
Technical type	40-55W	Operating and electrical	
		Input frequency	50 to 60 Hz
		Power (Rated) (Nom)	40 W
		Lamp current (nom.)	330 mA
		Wattage equivalent	55 W
		Starting time (nom.)	0.5 s
		Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.5
Light technical			
Colour Code	865 [CCT of 6,500 K]		
Technical Beam Angle (Nom)	180 °		
Lamp Luminous Flux 25°C EL (Nom)	4000 lm		
Colour Designation	Cool Daylight		
Colour Temperature, horizontal (Nom)	6500 K		

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Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-Case maximum (nom.)	79 °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	871869978065400
Order product name	TrueForce Core HB 40W E27 865 GN3
EAN/UPC – product	8718699780654
Order code	929002408608
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002408608
Net Weight (Piece)	0.164 kg

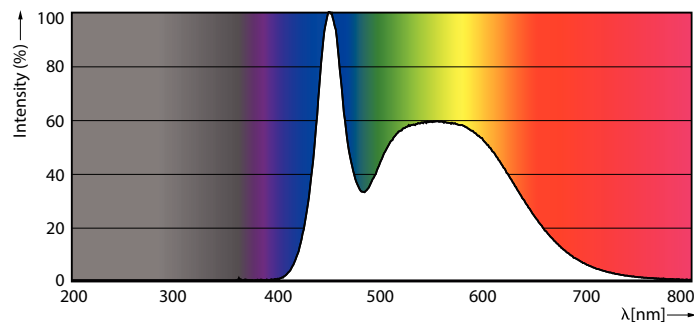
Dimensional drawing



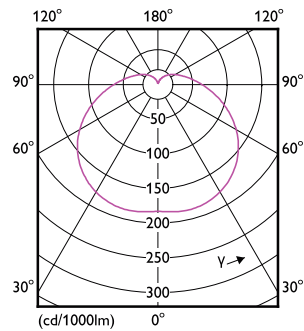
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Product	D	C
TrueForce Core HB 40W E27 865 GN3	118 mm	193 mm

Photometric data



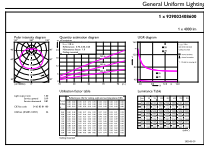
LEDForce Core HB 40W Tshape E27 865-POC



LEDForce Core HB 40W Tshape E27-LDD

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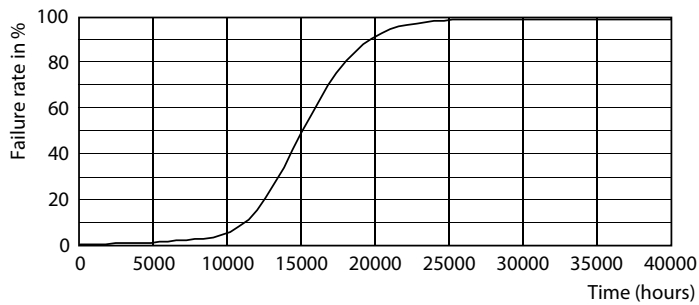
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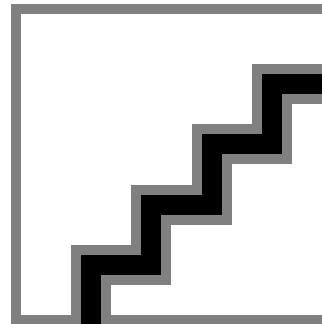
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LEDForce Core HB 40W Tshape E27 865-GUL

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

