



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

TFCore Core HB 40W 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 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

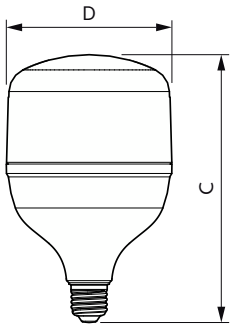
General Information		Color Consistency	
Cap-Base	E27	Color Consistency	<6
Nominal lifetime	15,000 hour(s)	Color rendering index (CRI)	80
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Lighting Technology	LED	Operating and Electrical	
Light Technical		Line Frequency	50 to 60 Hz
Color Code	830 [CCT of 3000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	180 degree(s)	Power Consumption	40 W
Luminous Flux	3,700 lm	Lamp Current (Nom)	330 mA
Color Designation	White (WH)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	3000 K	Warm-up time to 60% light	0.5 s
Luminous Efficacy (rated) (Nom)	92.00 lm/W	Power Factor (Fraction)	0.5

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Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	79 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T-shape
Net Weight (Piece)	0.164 kg
Approval and Application	
Energy Consumption kWh/1000 h	- kWh

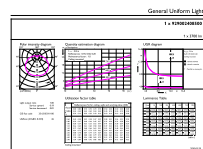
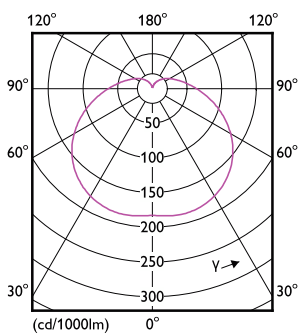
EU RoHS compliant	Yes
Ambient temperature range	-20 °C to 45 °C
Product Data	
Order product name	TForce Core HB 40W E27 830 GN3
Full product name	TForce Core HB 40W E27 830 GN3
Full product code	871869978063000
Order code	929002408508
Material Nr. (12NC)	929002408508
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699780630
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699780647

Dimensional drawing



Product	D	C
TForce Core HB 40W E27 830 GN3	118 mm	193 mm

Photometric data

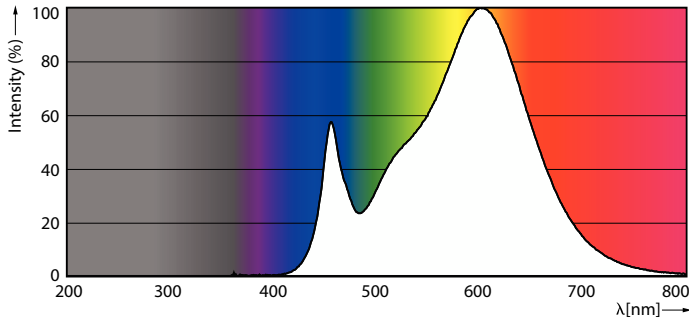


Light Distribution Diagram - TForce Core HB 40W E27 830 GN3

General uniform lighting - TForce Core HB 40W E27 830 GN3

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Photometric data

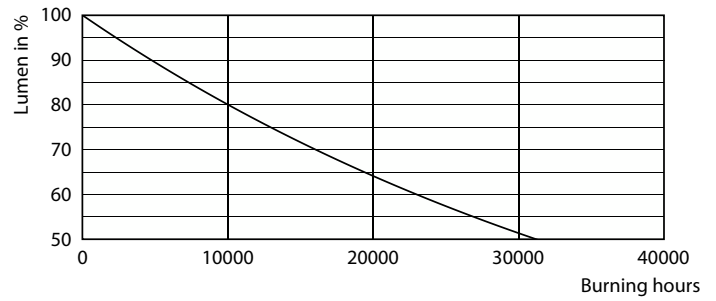


Spectral Power Distribution Colour - TForce Core HB 40W E27 830 GN3

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core HB 40W E27 830 GN3

