



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

## TrueForce 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

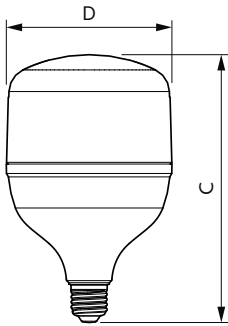
General information		Luminous Efficacy (rated) (Nom)	
Cap-Base	E27 [ E27]		92.00 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
Nominal Lifetime (Nom)	15000 h	Color Rendering Index (Nom)	80
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Technical Type	40-55W	<b>Operating and electrical</b>	
<b>Light technical</b>		Input Frequency	50 to 60 Hz
Color Code	830 [ CCT of 3000K]	Power (Nom)	40 W
Beam Angle (Nom)	180 °	Lamp Current (Nom)	330 mA
Luminous Flux (Nom)	3700 lm	Wattage Equivalent	55 W
Color Designation	White (WH)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	3000 K	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)	85 °C
<b>Controls and dimming</b>	
Dimmable	No
<b>Mechanical and housing</b>	
Bulb Finish	Frosted
Bulb Shape	T-shape
<b>Approval and application</b>	
Energy Consumption kWh/1000 h	- kWh

<b>Product data</b>	
Full product code	871869978063000
Order product name	TrueForce Core HB 40W E27 830 GN3
EAN/UPC - Product	8718699780630
Order code	929002408508
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002408508
Net Weight (Piece)	0.164 kg

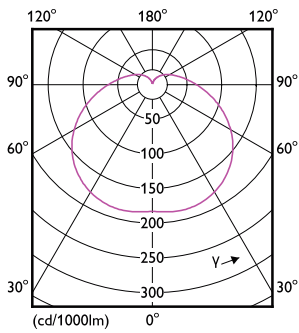
## Dimensional drawing



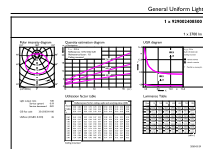
TrueForce Core HB 40W E27 830 GN3

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

## Photometric data



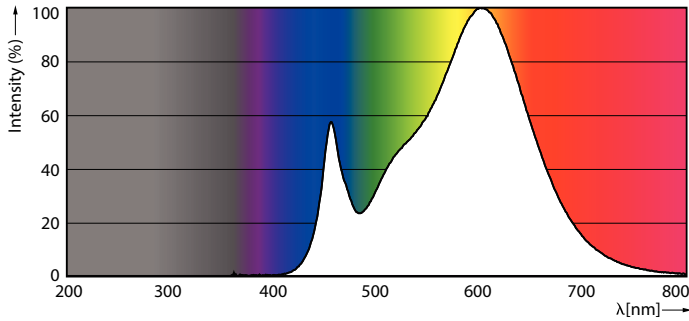
LEDTForce Core HB 40W Tshape E27-LDD



LEDTForce Core HB 40W Tshape E27 830-GUL

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## Photometric data



LEDTForce Core HB 40W Tshape E27 830-POC

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

