



# 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

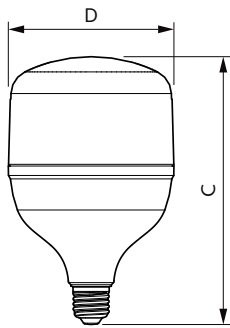
General Information		Color Consistency	
Lighting Technology	LED	Color rendering index (CRI)	80
Switching Cycle	50,000	LLMF At End Of Nominal Lifetime (Nom)	70 %
Nominal lifetime	15,000 hour(s)	<b>Operating and Electrical</b>	
Cap-Base	E27 [E27]	Line Frequency	50 to 60 Hz
<b>Light Technical</b>		Input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

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

Voltage (Nom)	220-240 V
<b>Temperature</b>	
Ambient temperature range	-20 °C to 45 °C
T-Case Maximum (Nom)	79 °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

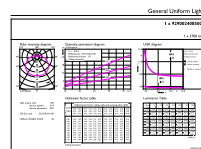
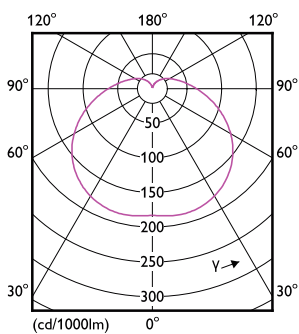
EU RoHS compliant	Yes
<b>Product Data</b>	
Full product code	871869978063000
Order product name	TForce Core HB 40W E27 830 GN3
Order code	929002408508
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material number (12NC)	929002408508
Full product name	TForce Core HB 40W E27 830 GN3
EAN/UPC - Case	8718699780647

## Dimensional drawing



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

## Photometric data

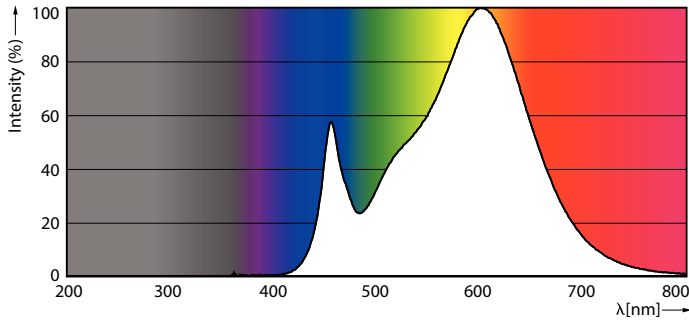


Light Distribution Diagram - TForce Core HB 40W E27 830 GN3

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

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

## Photometric data



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

## Lifetime



Life Expectancy Diagram - TForce Core HB 40W E27 830 GN3



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

