

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

## TrueForce Core HB 80W E40 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

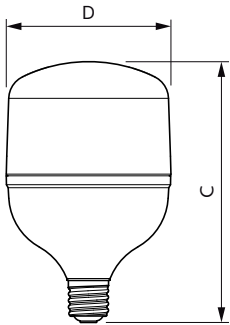
General information		Lamp Luminous Efficacy EM (Nom)	
Cap base	E40 [ E40]	Lamp Luminous Efficacy EM (Nom)	112.00 lm/W
EU RoHS compliant	Yes	Colour consistency	<6
Nominal lifetime (nom.)	25000 h	Colour Rendering Index,horiz (Nom)	80
Switching cycle	50000	LLMF at end of nominal lifetime (nom.)	70 %
Technical type	80-150W	<b>Operating and electrical</b>	
<b>Light technical</b>		Input frequency	50 to 60 Hz
Colour Code	865 [ CCT of 6,500 K]	Power (Rated) (Nom)	80 W
Technical Beam Angle (Nom)	180 °	Lamp current (nom.)	780 mA
Lamp Luminous Flux 25°C EL (Nom)	9000 lm	Wattage equivalent	150 W
Colour Designation	Cool Daylight	Starting time (nom.)	0.5 s
Colour Temperature, horizontal (Nom)	6500 K	Warm-up time to 60% light (nom.)	0.5 s
		Power factor (nom.)	0.5

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

Voltage (Nom)	220-240 V
<b>Temperature</b>	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-Case maximum (nom.)	83 °C
<b>Controls and dimming</b>	
Dimmable	No
<b>Mechanical and housing</b>	
Lamp Finish	Frosted
Bulb shape	T-shape

<b>Approval and application</b>	
Energy consumption kWh/1,000 hours	80 kWh
<b>Product data</b>	
Full product code	871869978079100
Order product name	TrueForce Core HB 80W E40 865 GN3
EAN/UPC – product	8718699780791
Order code	929002409308
SAP numerator – quantity per pack	1
Numerator – packs per outer box	4
SAP material	929002409308
Net Weight (Piece)	0.432 kg

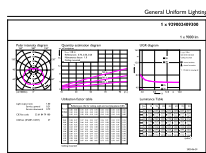
## Dimensional drawing



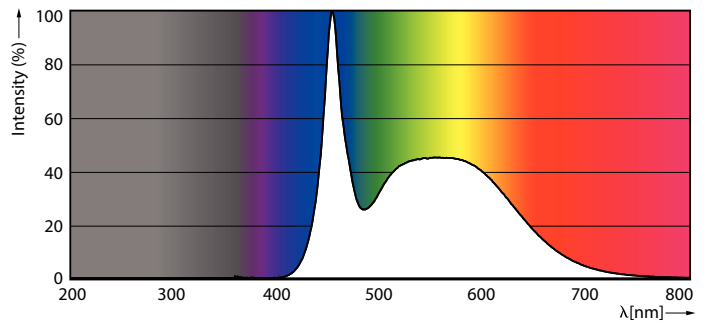
TrueForce Core HB 80W E40 865 GN3

Product	D	C
TrueForce Core HB 80W E40 865 GN3	160 mm	269 mm

## Photometric data



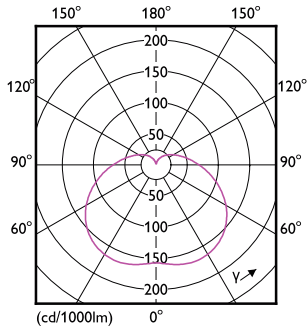
LEDForce Core HB 80W Tshape E40 865



LEDForce Core HB 80W Tshape E40 865

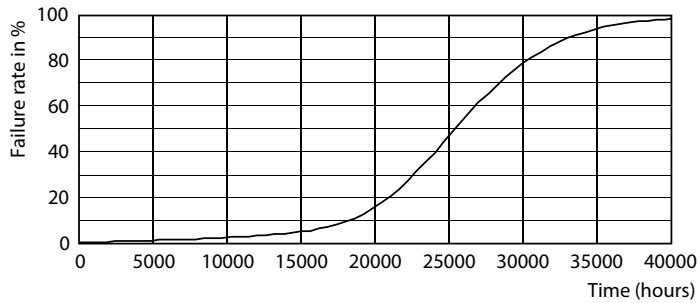
# TrueForce Core LED Industrial and Retail (Highbay – HPI/SON/HPL)

## Photometric data

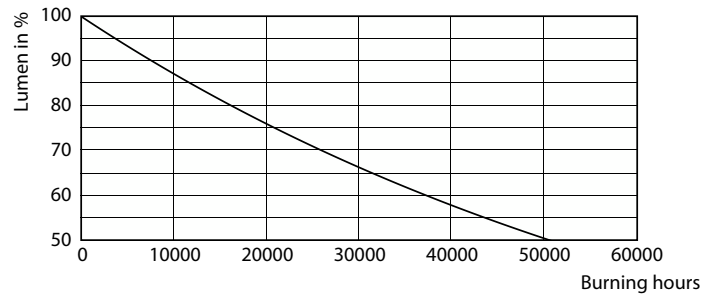


LEDTForce Core HB 80W Tshape E40

## Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram

