PHILIPS Lighting



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

TForce Core HB 26-30W E27 830 RCA

Philips TrueForce LED I&R mains 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 LED I&R mains lamps and bypass the existing ballast while enhancing the lighting quality.

Product data

General Information	
Cap-Base	E27 [E27]
Nominal lifetime	20,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,600 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K

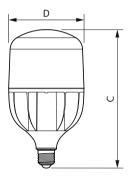
Luminous Efficacy (rated) (Nom)	86.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	30 W
Lamp Current (Nom)	250 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s

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Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	90 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T-shape
Approval and Application	
Energy Consumption kWh/1000 h	30 kWh

Product Data	
Order product name	TForce Core HB 26-30W E27 830 RCA
Full product name	TForce Core HB 26-30W E27 830 RCA
Full product code	871869966415200
Order code	929001937638
Material Nr. (12NC)	929001937638
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699664152
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699664169

Dimensional drawing



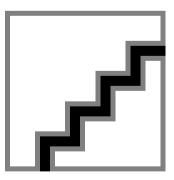
Product D C TForce Core HB 26-30W E27 830 RCA 105 mm 190 mm

Photometric data

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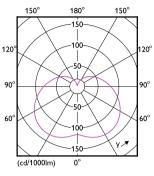
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General uniform lighting - TForce Core HB 26-30W E27 830 RCA



Spectral Power Distribution Colour - TForce Core HB 26-30W E27 830 RCA

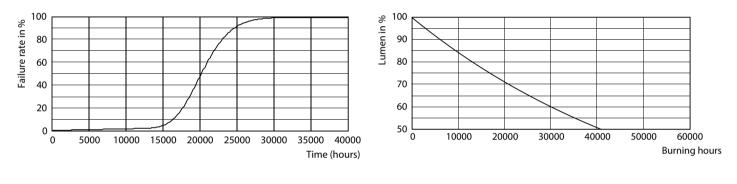
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Photometric data

Light Distribution Diagram - TForce Core HB 26-30W E27 830 RCA





Life Expectancy Diagram - TForce Core HB 26-30W E27 830 RCA

Lumen Maintenance Diagram - TForce Core HB 26-30W E27 830 RCA



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