



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

## TForce Core HB 2Klm 23W E27 865

LED, T70, Mains only, 23 W, E27, 6500 K, 2000 lm, 15000 hour(s)

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

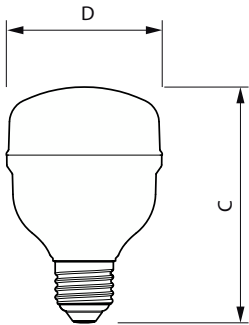
General Information			
Cap-Base	E27	Luminous Flux	2,000 lm
Nominal lifetime	15,000 hour(s)	Color Designation	Cool Daylight
Switching Cycle	50,000	Correlated Color Temperature (Nom)	6500 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	86 lm/W
Warranty period	1 years	Color Consistency	<6
		Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
		Photobiological safety according to EN 62471	RG1
Light Technical			
Color Code	865 [CCT of 6500K]		
Beam Angle (Nom)	150 degree(s)		

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Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	23 W
Lamp Current (Nom)	150 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
Wattage Equivalent (LED HID only)	32W CFL, 50W HID
Ballast Compatibility	Mains only
Temperature	
T-Case Maximum (Nom)	88 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T70

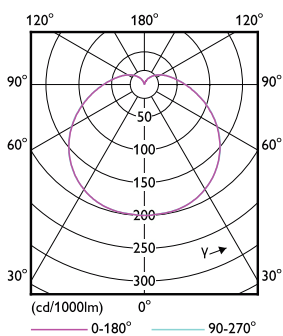
Net Weight (Piece)	0.041 kg
Approval and Application	
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	23 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C
Product Data	
Order product name	TForce Core HB 2Klm 23W E27 865
Full product name	TForce Core HB 2Klm 23W E27 865
Full product code	872110309396700
Order code	929004612112
Material Nr. (12NC)	929004612112
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103093967
Numerator - Packs per outer box	6
EAN/UPC - Case	8721103093974

## Dimensional drawing

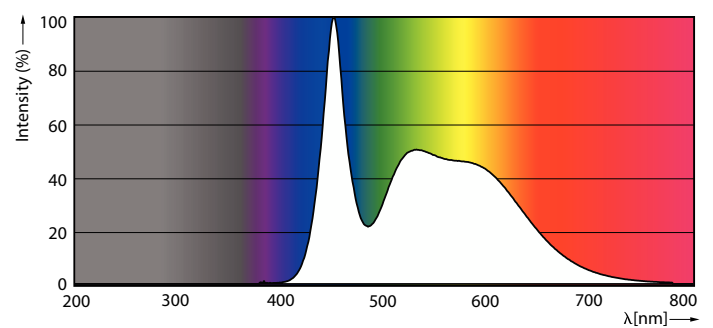


Product	D	C
TForce Core HB 2Klm 23W E27 865	70 mm	106 mm

## Photometric data



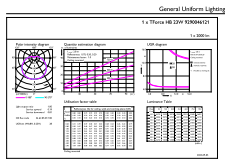
Light Distribution Diagram - TForce Core HB 2Klm 23W E27 865



Spectral Power Distribution Colour - TForce Core HB 2Klm 23W E27 865

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## Photometric data



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General uniform lighting - TForce Core HB 2Klm 23W E27 865

