



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

TForce Core HB 2.5Klm 30W E27 865 WV

LED HPI, T-shape T80, Mains only, 110–240 V, 30 W, CFL-i 65W, HID 55W, E27, 6500 K, 2500 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	2,500 lm
Nominal lifetime	15,000 hour(s)	Color Designation	Cool Daylight
Switching Cycle	50,000	Correlated Color Temperature (Nom)	6500 K
Lighting Technology	LED HPI	Luminous Efficacy (rated) (Nom)	83 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	30 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	110-240 V
Wattage Equivalent (LED HID only)	CFL-i 65W, HID 55W
Ballast Compatibility	Mains only

Temperature

T-Case Maximum (Nom)	88 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Frosted
Bulb Shape	T-shape T80
Net Weight (Piece)	0.076 kg

Approval and Application

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	30 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

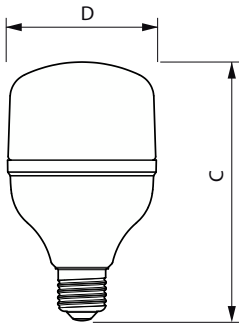
Application Conditions

Wireless Technology	Not applicable
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Product Data

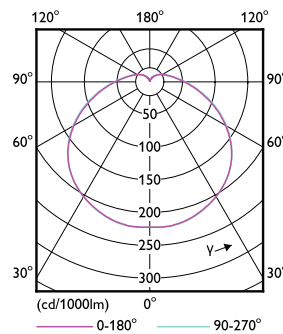
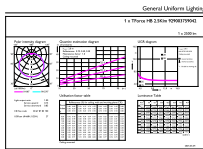
Order product name	TForce Core HB 2.5Klm 30W E27 865 WV
Full product name	TForce Core HB 2.5Klm 30W E27 865 WV
Full product code	872016932313100
Order code	929003759042
Material Nr. (12NC)	929003759042
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169323131
Numerator - Packs per outer box	6
EAN/UPC - Case	8720169323148

Dimensional drawing



Product	D	C
TForce Core HB 2.5Klm 30W E27 865 WV	82 mm	143 mm

Photometric data

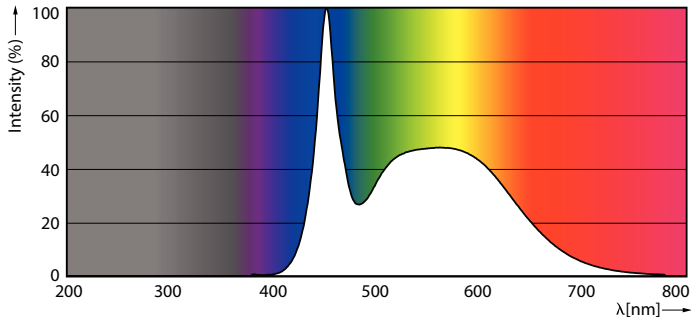


General uniform lighting - TForce Core HB 2.5Klm 30W E27 865 WV

Light Distribution Diagram - TForce Core HB 2.5Klm 30W E27 865 WV

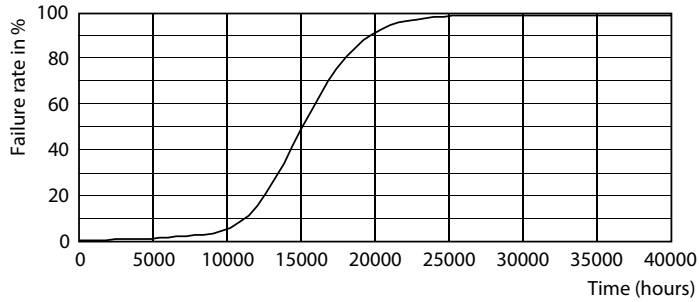
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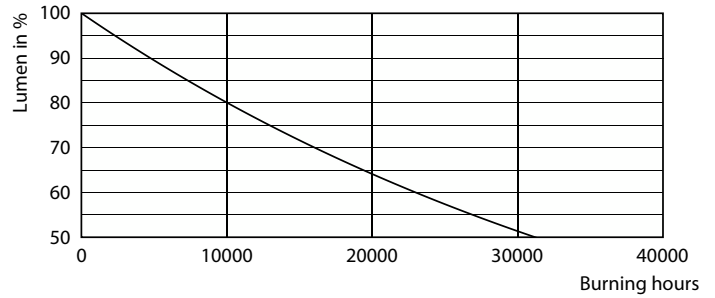


Spectral Power Distribution Colour - TForce Core HB 2.5Klm 30W E27 865 WV

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core HB 2.5Klm 30W E27 865 WV

