



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

TForce Core HB 3.5Klm 40W E27 865

LED, T100, Mains only, 40 W, E27, 6500 K, 3500 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	3,500 lm
Nominal lifetime	15,000 hour(s)	Color Designation	Cool Daylight
Switching Cycle	50,000	Correlated Color Temperature (Nom)	6500 K
Lighting Technology	LED	Luminous Efficacy (rated) (Nom)	87 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	40 W
Lamp Current (Nom)	273 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)	50W CFL, 70W HID
Ballast Compatibility	Mains only

Temperature	
T-Case Maximum (Nom)	86 °C

Controls and Dimming	
Dimmable	No

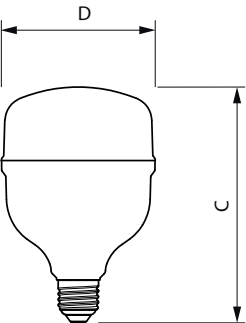
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T100

Net Weight (Piece)	0.090 kg
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Approval and Application	
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	40 kWh
EU RoHS compliant	Yes
Ambient temperature range	-20 to +45 °C

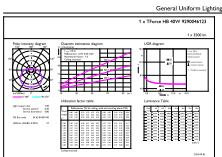
Product Data	
Order product name	TForce Core HB 3.5Klm 40W E27 865
Full product name	TForce Core HB 3.5Klm 40W E27 865
Full product code	872110309400100
Order code	929004612312
Material Nr. (12NC)	929004612312
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8721103094001
Numerator - Packs per outer box	6
EAN/UPC - Case	8721103094018

Dimensional drawing



Product	D	C
TForce Core HB 3.5Klm 40W E27 865	100 mm	152 mm

Photometric data

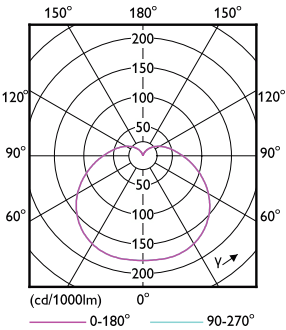


General uniform lighting – TForce Core HB 3.5Klm 40W E27 865

Spectral Power Distribution Colour – TForce Core HB 3.5Klm 40W E27 865

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Photometric data



Light Distribution Diagram - TForce Core HB 3.5Klm 40W E27 865

