



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

TrueForce Core HB MV ND 37–35W E27 830

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

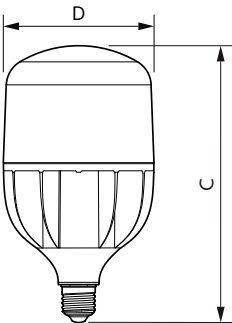
General Information		Operating and Electrical	
Cap-Base	E27 [E27]	Luminous Efficacy (rated) (Nom)	105.00 lm/W
Nominal lifetime	20,000 hour(s)	Color Consistency	<6
Switching Cycle	50,000	Color rendering index (CRI)	80
Lighting Technology	LED	LLMF At End Of Nominal Lifetime (Nom)	70 %
EU RoHS compliant	Yes		
Light Technical		Line Frequency	50 to 60 Hz
Color Code	830 [CCT of 3000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	240 degree(s)	Power Consumption	35 W
Luminous Flux	3,700 lm	Lamp Current (Nom)	200 mA
Color Designation	White (WH)	Starting Time (Nom)	0.5 s
Correlated Color Temperature (Nom)	3000 K	Warm-up time to 60% light	0.5 s
		Power Factor (Fraction)	0.9

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Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	100 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T-shape
Approval and Application	
Energy Consumption kWh/1000 h	35 kWh

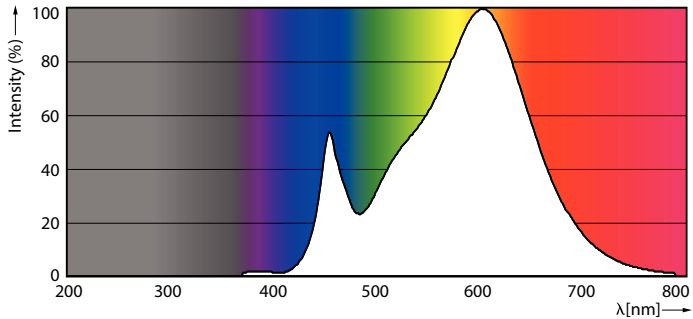
Product Data	
Order product name	TForce Core HB MV ND 37-35W E27 830
Full product name	TrueForce Core HB MV ND 37-35W E27 830
Full product code	871869959732000
Order code	59732000
Material Nr. (12NC)	929001937902
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699597320
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699597337

Dimensional drawing

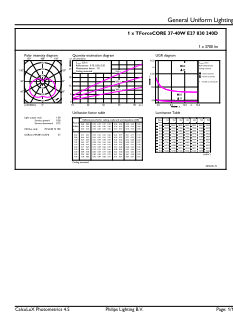


Product	D	C
TForce Core HB MV ND 37-35W E27 830	105 mm	190 mm

Photometric data



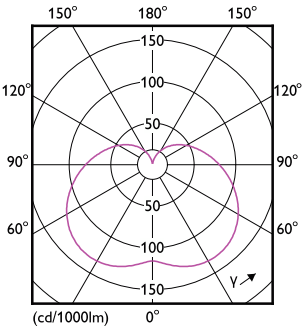
Spectral Power Distribution Colour - TForce Core HB MV ND 37-35W E27 830



General uniform lighting - TForce Core HB MV ND 37-35W E27 830

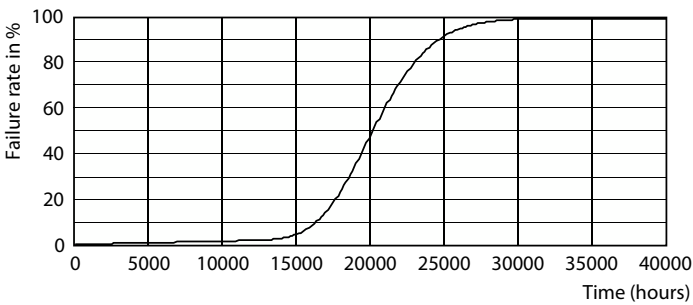
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Photometric data

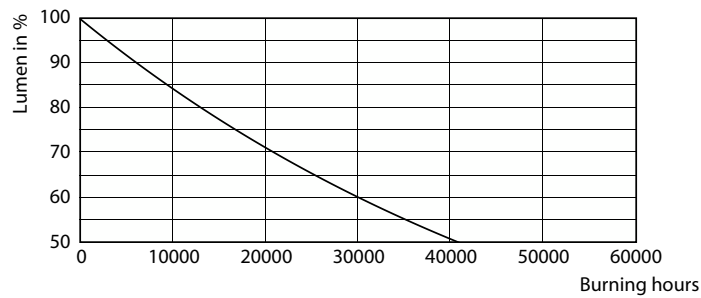


Light Distribution Diagram - TForce Core HB MV ND 37-35W E27 830

Lifetime



Life Expectancy Diagram - TForce Core HB MV ND 37-35W E27 830



Lumen Maintenance Diagram - TForce Core HB MV ND 37-35W E27 830

