



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

TrueForce Core HB MV ND 35W E27 830 G3

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

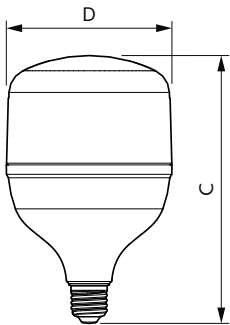
General Information		Luminous Efficacy (rated) (Nom)	
Cap-Base	E27 [E27]		137.00 lm/W
EU RoHS compliant	Yes	Color Consistency	<6
Nominal Lifetime (Nom)	15000 h	Colour Rendering Index horiz (Nom)	80
Switching Cycle	50000X	LLMF At End Of Nominal Lifetime (Nom)	70 %
Technical Type	35-70W		
Light Technical		Operating and Electrical	
Colour Code	830 [CCT of 3000K]	Input Frequency	50 to 60 Hz
Beam Angle (Nom)	180 °	Power (Rated) (Nom)	35 W
Luminous Flux (Nom)	4800 lm	Lamp Current (Nom)	178 mA
Colour Designation	White (WH)	Wattage Equivalent	70 W
Colour Temperature, horizontal (Nom)	3000 K	Starting Time (Nom)	0.5 s
		Warm Up Time to 60% Light (Nom)	0.5 s
		Power Factor (Nom)	0.9

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Voltage (Nom)	220-240 V
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted
Approval and Application	
Energy Efficiency Label	A++

Energy Consumption kWh/1000 h	35 kWh
Product Data	
Full product code	871869978105700
Order product name	TrueForce Core HB MV ND 35W E27 830 G3
EAN/UPC - Product	8718699781057
Order code	78105700
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	929002406602
Net Weight (Piece)	0.164 kg

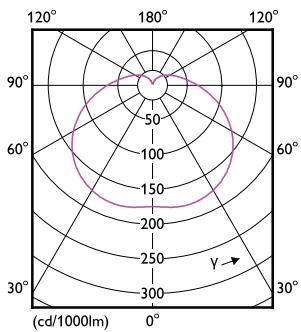
Dimensional drawing



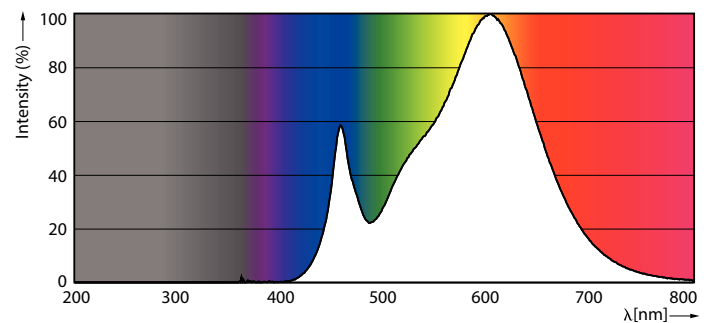
Tforce HB CE GIII 5000lm E27 830 15K

Product	D	C
TrueForce Core HB MV ND 35W E27 830 G3	118 mm	193 mm

Photometric data



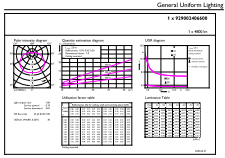
LEDTForce Core 35W Tshape E27



LEDTForce Core Tshape E27 830

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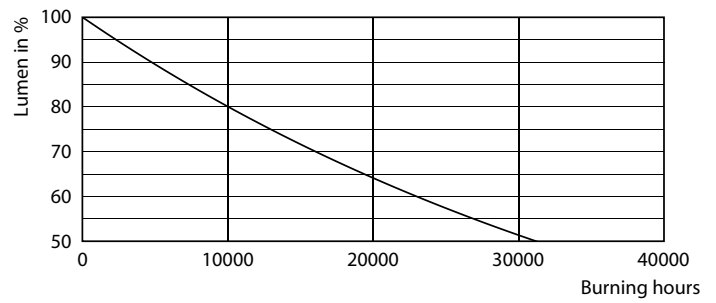
Photometric data



General Uniform Lighting
1.5 P1000000
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LEDForce Core 35W Tshape E27 830

Lifetime



15K LED

15K LMP

