PHILIPS Lighting



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

TrueForce Core HB MV ND 35W E27 840 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

Concernel Information		
General Information		
Cap-Base	E27 [E27]	
EU RoHS compliant	Yes	
Nominal Lifetime (Nom)	15000 h	
Switching Cycle	50000X	
Technical Type	35-70W	
Light Technical		
Color Code	840 [CCT of 4000K]	
Beam Angle (Nom)	180 °	
Luminous Flux (Nom)	5000 lm	
Color Designation	Cool White (CW)	
Correlated Color Temperature (Nom)	4000 K	

Luminous Efficacy (rated) (Nom)	142.00 lm/W
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Nom)	35 W
Lamp Current (Nom)	178 mA
Wattage Equivalent	70 W
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 (EEL)	A++	

Energy Consumption kWh/1000 h	35 kWh	
Product Data		
Full product code	871869978107100	
Order product name	TrueForce Core HB MV ND 35W E27 840 G3	
EAN/UPC - Product	8718699781071	
Order code	929002406702	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	box 6	
Material Nr. (12NC)	929002406702	
Net Weight (Piece)	0.164 kg	

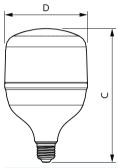
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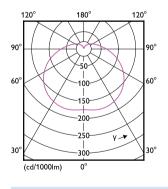
193 mm

Dimensional drawing



Tforce HB CE GIII 5000lm E27 840 15K

Photometric data



LEDTForce Core 35W Tshape E27

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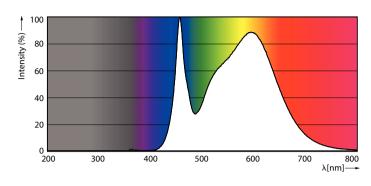
Product

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LEDTForce Core 35W Tshape E27 840

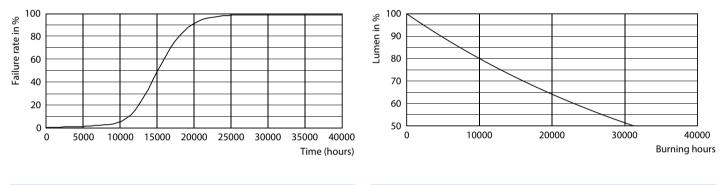
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Photometric data



LEDTForce Core 35W Tshape E27 840

Lifetime



15K LED

15K LMP



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