



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

TForce Core HB MV ND 30W E27 840 G3

CorePro, LED HPI, T-shape, Mains only, 30 W, E27, 4000 K, 4000 lm, CRI 80, 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.

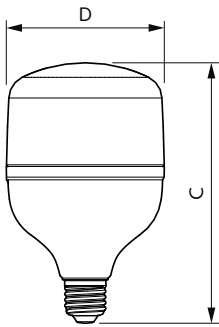
Product data

General Information			
Cap-Base	E27	Beam Angle (Nom)	180 degree(s)
Nominal lifetime	15,000 hour(s)	Luminous Flux	4,000 lm
Switching Cycle	50,000	Color Designation	Cool White (CW)
Lighting Technology	LED HPI	Correlated Color Temperature (Nom)	4000 K
Flux measurement reference	Sphere	Luminous Efficacy (rated) (Nom)	133.00 lm/W
Warranty period	1 years	Color Consistency	<6
		Color rendering index (CRI)	80
		LLMF At End Of Nominal Lifetime (Nom)	70 %
Light Technical			
Color Code	840 [CCT of 4000K]		

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Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	30 W
Lamp Current (Nom)	154 mA
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	220–240 V
Inrush current at mains	17.5
Max. lamp no. on MCB B type 10A – Mains	8
Max. lamp no. on MCB B type 10A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 10A – EM ballast with Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – Mains	13
Max. lamp no. on MCB B type 16A – EM ballast without Compensation Capacitor.	-
Max. lamp no. on MCB B type 16A – EM ballast with Compensation Capacitor.	-
Ballast Compatibility	Mains only
Temperature	
T-Case Maximum (Nom)	80 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Frosted

Dimensional drawing

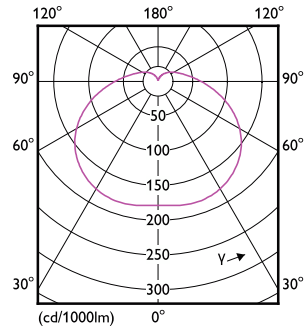
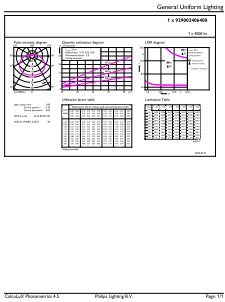


Bulb Shape	T-shape
Net Weight (Piece)	0.078 kg
Approval and Application	
Energy Efficiency Class	E
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	30 kWh
EPREL Registration Number	1744997
CE mark	Yes
EU RoHS compliant	Yes
Flickering value (PstLM) – Flickering value as per EN 61000-3-3	1
Stroboscopic effect visibility measure (SVM)	0.4
Ambient temperature range	-20 °C to 45 °C
Product Data	
Order product name	TForce Core HB MV ND 30W E27 840 G3
Full product name	TForce Core HB MV ND 30W E27 840 G3
Full product code	871869978097500
Order code	929002406402
Material Nr. (12NC)	929002406402
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699780975
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699780982

Product	D	C
TForce Core HB MV ND 30W E27 840 G3	100 mm	165 mm

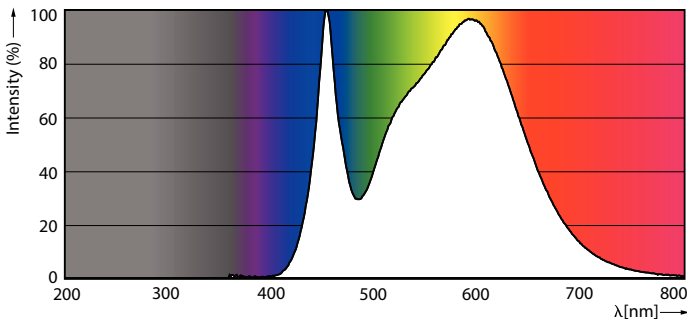
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Photometric data



General uniform lighting - TForce Core HB MV ND 30W E27 840 G3

Light Distribution Diagram - TForce Core HB MV ND 30W E27 840 G3

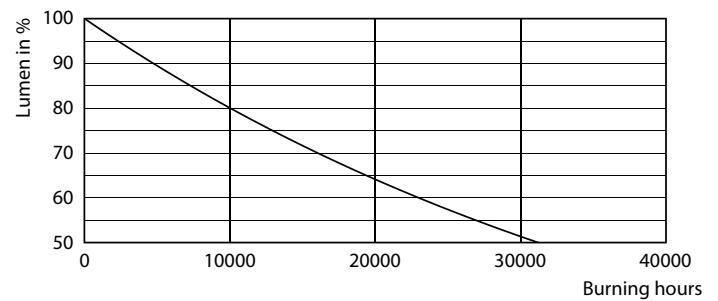


Spectral Power Distribution Colour - TForce Core HB MV ND 30W E27 840 G3

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - TForce Core HB MV ND 30W E27 840 G3

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