





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

### TrueForce Core HB MV ND 30W 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 savings 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 [ E27]
CE mark	Yes
EU RoHS compliant	Yes
Nominal lifetime (nom.)	15000 h
Switching cycle	50000
	Sphere
Tier	CorePro
Light technical	
Colour Code	840 [ CCT of 4,000 K]
Beam Angle (Nom)	180 °
Luminous flux (nom.)	4000 lm

Colour designation	Cool White (CW)
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	133.00 lm/W
Colour consistency	<6
Colour rendering index (nom.)	80
LLMF at end of nominal lifetime (nom.)	70 %
Operating and electrical	
Input frequency	50 to 60 Hz
Power (Rated) (Nom)	30 W
Lamp current (nom.)	154 mA
Wattage equivalent	125 W
Starting time (nom.)	0.5 s

Datasheet, 2022, December 15 data subject to change

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Warm-up time to 60% light (nom.)	0.5 s
Power factor (nom.)	0.9
Voltage (Nom)	220-240 V
Temperature	
T-ambient (max.)	45 °C
T-ambient (min.)	-20 °C
T-Case maximum (nom.)	80 °C
Controls and dimming	
Dimmable	No
Mechanical and housing	
Lamp Finish	Frosted
Bulb shape	T-shape

Approval and application	
Energy Efficiency Class	E
Energy consumption kWh/1,000 hours	30 kWh
	403631
Product data	
Full product code	871869978097500
Order product name	TrueForce Core HB MV ND 30W E27 840 G3
EAN/UPC - product	8718699780975
Order code	78097500
SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	929002406402
Net Weight (Piece)	0.078 kg

### Dimensional drawing

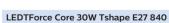


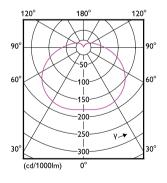
TrueForce Core HB MV ND 30W E27 840 G3

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

### Photometric data



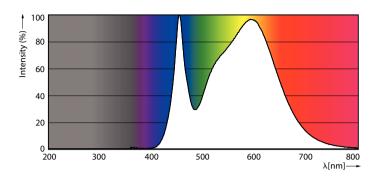




Light Distribution Diagram

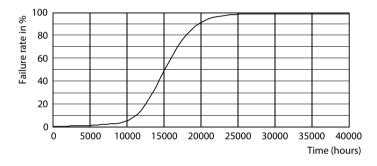
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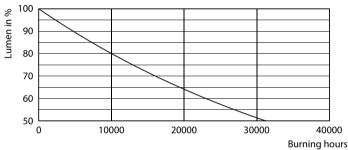
### Photometric data



LEDTForce Core 30W Tshape E27 840

### Lifetime





Life Expectancy Diagram

Lumen Maintenance Diagram



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