

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

## TForce Core HB MV ND 26-24W 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	
Cap-Base	E27 [E27]
Nominal lifetime	20,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
EU RoHS compliant	Yes
Light Technical	
Color Code	830 [CCT of 3000K]
Beam Angle (Nom)	240 degree(s)
Luminous Flux	2,600 lm
Color Designation	White (WH)
Correlated Color Temperature (Nom)	3000 K

Luminous Efficacy (rated) (Nom)	108.00 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	24 W
Lamp Current (Nom)	250 mA
Wattage Equivalent	40 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s

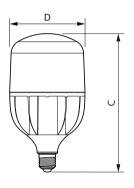
Datasheet, 2023, November 12 data subject to change

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Power Factor (Fraction)	0.5	
Voltage (Nom)	220-240 V	
Temperature		
T-Case Maximum (Nom)	90 ℃	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Frosted	
Bulb Shape	T-shape	
Approval and Application		
Energy Consumption kWh/1000 h	24 kWh	

Product Data	
Order product name	TForce Core HB MV ND 26-24W E27 830
Full product name	TForce Core HB MV ND 26-24W E27 830
Full product code	871869959728300
Order code	929001937602
Material Nr. (12NC)	929001937602
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699597283
Numerator - Packs per outer box	6
EAN/UPC - Case	8718699597290

# Dimensional drawing



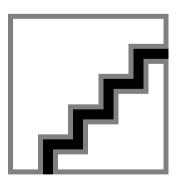
Product	D	С
TForce Core HB MV ND 26-24W E27 830	105 mm	190 mm

#### Photometric data



Calculat X Photometrics 4.5 Philips Lighting ScV. Page: 171

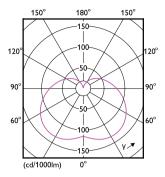
General uniform lighting - TForce Core HB MV ND 26-24W E27 830



Spectral Power Distribution Colour - TForce Core HB MV ND 26-24W E27 830

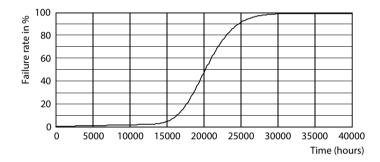
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Light Distribution Diagram - TForce Core HB MV ND 26-24W E27 830

## Lifetime



Life Expectancy Diagram - TForce Core HB MV ND 26-24W E27 830

Lumen Maintenance Diagram - TForce Core HB MV ND 26-24W E27 830



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