



The best LED solution for High Intensity Discharge (HID) lamp replacement

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

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.

Benefits

- Cost saving with short payback time
- Light on the wider working space
- Low initial investment
- Enhance lighting quality with easy adoption

Features

- High energy efficiency
- Lifetime 20,000hrs
- Wide beam angle, 240°
- Bypass ballast and save additional energy
- Pleasant white light with CRI 80

Application

- Industrial/retail - warehouses, factories, shops, transport hubs

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Versions

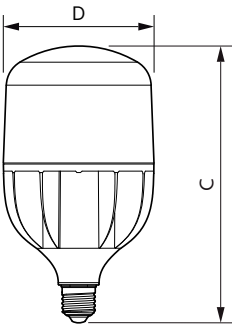


Trueforce E27 T-shape Frosted



Trueforce E27 T-shape Frosted

Dimensional drawing



Product	D	C
TForce Core HB MV ND 48-42W E27 830	123 mm	225 mm
TForce Core HB MV ND 37-35W E27 830	105 mm	190 mm
TForce Core HB MV ND 50-42W E27 840	123 mm	225 mm
TForce Core HB MV ND 40-35W E27 840	105 mm	190 mm
TForce Core HB MV ND 26-24W E27 830	105 mm	190 mm
TForce Core HB MV ND 28-24W E27 840	105 mm	190 mm

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Approval and Application	
Energy Efficiency Label (EEL)	A+
Controls and Dimming	
Dimmable	No
Operating and Electrical	
Input Frequency	50 to 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.5 s
General Information	
Cap-Base	E27
Nominal Lifetime (Nom)	20000 h
Rated Lifetime (Hours)	20000 h
Switching Cycle	50000X
Light Technical	
Beam Angle (Nom)	240 °
Color Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %
Mechanical and Housing	
Bulb Finish	Frosted
Bulb Shape	T-shape

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929001937602	TForce Core HB MV ND 26-24W E27 830	24 kWh
929001937702	TForce Core HB MV ND 28-24W E27 840	24 kWh
929001937902	TForce Core HB MV ND 37-35W E27 830	35 kWh
929001938002	TForce Core HB MV ND 40-35W E27 840	35 kWh
929001938202	TForce Core HB MV ND 48-42W E27 830	42 kWh
929001938302	TForce Core HB MV ND 50-42W E27 840	42 kWh

Operating and Electrical

Order Code	Full Product Name	Power (Rated) (Nom)
929001937602	TForce Core HB MV ND 26-24W E27 830	24 W
929001937702	TForce Core HB MV ND 28-24W E27 840	24 W
929001937902	TForce Core HB MV ND 37-35W E27 830	35 W

Order Code	Full Product Name	Power (Rated) (Nom)
929001938002	TForce Core HB MV ND 40-35W E27 840	35 W
929001938202	TForce Core HB MV ND 48-42W E27 830	42 W
929001938302	TForce Core HB MV ND 50-42W E27 840	42 W

Light Technical

Order Code	Full Product Name	Correlated Color		Luminous	
		Color Code	Temperature (Nom)	Luminous Flux (Nom)	Flux (Rated) (Nom)
929001937602	TForce Core HB MV ND 26-24W E27 830	830	3000 K	2600 lm	2600 lm
929001937702	TForce Core HB MV ND 28-24W E27 840	840	4000 K	2800 lm	2800 lm
929001937902	TForce Core HB MV ND 37-35W E27 830	830	3000 K	3700 lm	3700 lm

Order Code	Full Product Name	Correlated Color		Luminous	
		Color Code	Temperature (Nom)	Luminous Flux (Nom)	Flux (Rated) (Nom)
929001938002	TForce Core HB MV ND 40-35W E27 840	840	4000 K	4000 lm	4000 lm
929001938202	TForce Core HB MV ND 48-42W E27 830	830	3000 K	4800 lm	4800 lm
929001938302	TForce Core HB MV ND 50-42W E27 840	840	4000 K	5000 lm	5000 lm

Temperature

Order Code	Full Product Name	T-Case Maximum (Nom)
929001937602	TForce Core HB MV ND 26-24W E27 830	90 °C

Order Code	Full Product Name	T-Case Maximum (Nom)
929001937702	TForce Core HB MV ND 28-24W E27 840	90 °C

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Order Code	Full Product Name	T-Case Maximum (Nom)
929001937902	TForce Core HB MV ND 37-35W E27 830	100 °C
929001938002	TForce Core HB MV ND 40-35W E27 840	100 °C
929001938202	TForce Core HB MV ND 48-42W E27 830	100 °C
929001938302	TForce Core HB MV ND 50-42W E27 840	100 °C

