



ESSENTIAL

Essential 23W WW E27 220-240V 1CT/12

The Essential range is a standard stick-shape compact fluorescent lamp, with the lowest purchase price. It is available in 8W, 14W, 18W and 23W, with lumen equivalence of 40W, 75W, 100W and 125W incandescent light bulb. It is also available in two color temperatures: warm white (2700K) and cool daylight (6500K). It is available in both 220-240V and 120-127V and able to operate under a wide voltage range (Power supply fluctuation). It consumes up to 80% less energy than the incandescent light bulb and lasts for 3 years.

Product data

General Information	
Cap base	E27 [E27]
Nominal lifetime (nom.)	6000 h
Switching cycle	6000X
Light Technical	
Colour code	827 [CCT of 2,700 K]
Luminous flux (nom.)	1430 lm
Luminous flux (rated) (nom.)	1430 lm
Colour designation	Warm White (WW)
Lumen maintenance 2,000 hours (nom.)	88 %
Chromaticity coordinate X (nom.)	463
Chromaticity coordinate Y (nom.)	420
Correlated colour temperature (nom.)	2700 K
Luminous efficacy (rated) (nom.)	62 lm/W
Color rendering index (nom.)	82
LLMF at end of nominal lifetime (nom.)	70 %
Operating and Electrical	
Input frequency	50 or 60 Hz

Power (Rated) (Nom)	23.0 W
Lamp current (nom.)	160 mA
Wattage equivalent	102 W
Starting time (nom.)	0.3 s
Warm-up time to 60% light (min.)	5 s
Warm-up time to 60% light (max.)	40 s
Power factor (nom.)	0.6
Voltage (Nom)	220-240 V

Controls and Dimming	
Dimmable	No

Approval and Application	
Energy efficiency label (EEL)	A
Mercury (Hg) content (max.)	2.0 mg
Mercury (Hg) content (nom.)	1.5 mg
Energy Consumption kWh/1000 h	23 kWh

Product Data	
Full product code	871869640908400

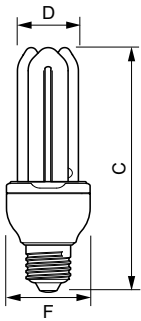
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Order product name	UAE Essential 23W WW E27 1CT/12	Material no. (12NC)	929689156105
EAN/UPC – product	8718696409084	Net weight (piece)	0.075 kg
Order code	40908400		
Numerator – quantity per pack	1		
Numerator – packs per outer box	12		

Warnings and Safety

- Breaking a lamp is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a closed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
- Compact fluorescent lamps have to be treated as special waste, they must be taken to your local waste facilities for recycling. The European Lighting Industry has set up an infrastructure, capable of recycling mercury, other metals, glass etc.

Dimensional drawing



Product	D (max)	C (max)	F (max)
UAE Essential 23W WW E27 1CT/12	36.0 mm	160 mm	48.4 mm

ESSENG Erp 23W WW E27 220-240V 50/60Hz

