



# ESSENTIAL

## Essential 18W CDL 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.

### 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.

### Product data

General Information		Operating and Electrical	
Cap base	E27 [ E27]	Chromaticity coordinate Y (nom.)	337
Nominal lifetime (nom.)	6000 h	Correlated Colour Temperature (Nom)	6500 K
Switching cycle	6,000X	Luminous efficacy (rated) (nom.)	61 lm/W
Rated lifetime (hours)	6000 h	Colour rendering index (nom.)	80
		LLMF at end of nominal lifetime (nom.)	70 %
Light Technical			
Colour Code	865 [ CCT of 6,500 K]	Input frequency	50 or 60 Hz
Luminous flux (nom.)	1100 lm	Power (Rated) (Nom)	18 W
Luminous flux (rated) (nom.)	1100 lm	Lamp current (nom.)	130 mA
Colour designation	Cool Daylight	Starting time (nom.)	0.3 s
Lumen maintenance 2,000 hours (nom.)	88 %	Warm-up time to 60% light (min.)	5 s
Chromaticity coordinate X (nom.)	313	Warm-up time to 60% light (max.)	40 s

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Power factor (nom.)	0.6
Voltage (Nom)	220-240 V
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Bulb shape	Stick
<b>Approval and Application</b>	
Mercury (Hg) content (max.)	2.0 mg
Mercury (Hg) content (nom.)	1.5 mg
Energy consumption kWh/1,000 hours	18 kWh

<b>Product Data</b>	
Full product code	871869640902200
Order product name	UAE Essential 18W CDL E27 1CT/12
EAN/UPC – product	8718696409022
Order code	40902200
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	929689117006
SAP net weight (piece)	0.065 kg

### Dimensional drawing



Product	D (max)	C (max)	F (max)
UAE Essential 18W CDL E27 1CT/12	36.0 mm	143 mm	48.4 mm

ESSENNG Erp 18W CDL E27 220-240V 50/60Hz

