



An energy saver combines energy saving & a compact design

Economy Twister

Compact Entry Spiral shape energy saving lamp, starts bright light rapidly and fits everywhere. It saves your money due to its low energy consumption. With a comprehensive range of wattages, it enables easy replacement of most incandescent lamp all the way

Benefits

- "Value for Money" compact design Energy Saver
- Save your money with long life-time and high energy efficiency compare to incandescent lamp
- Flicker-free start & Fast run up

Features

- Spiral Shape, Long-Life and Energy saving alternative to Incandescent lamps
- Fast Run-up
- Recommended ambient temperature range to ensure almost constant light output (>90%): between 0°C and +50°C

Application

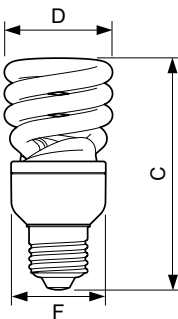
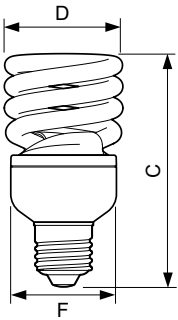
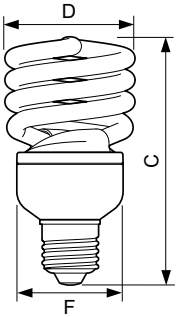
- Designed for incandescent lamp replacement in consumer applications where the lamp is not directly visible; especially suitable for use in (indoor) functional areas *
Enclosed fixtures required for outdoor applications
- Not suitable for use with dimmers or electronic gear

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Versions



Dimensional drawing



Product	D (max)	C (max)	F (max)
UAE Essential Tornado 23W CDL E27 1CT/12	61.5 mm	118.5 mm	50.5 mm

Product	D (max)	C (max)	F (max)
UAE Essential Tornado 20W CDL E27 1CT/12	56.5 mm	111.5 mm	47 mm

Product	D (max)	C (max)	F (max)
UAE Essential Tornado 15W CDL E27 1CT/12	51.5 mm	107.5 mm	42.5 mm

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Approval and Application

Energy Efficiency Label (EEL) A

Controls and Dimming

Dimmable No

Operating and Electrical

Light Technical	50 or 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.3 s
Warm Up Time To 60% Light (Max)	40 s
Warm Up Time To 60% Light (Min)	5 s

General Information

Cap-Base	E27
Nominal Lifetime (Nom)	6000 h
Rated Lifetime (Hours)	6000 h
Switching Cycle	6000X

Light Technical

Chromaticity Coordinate X (Nom)	313
Chromaticity Coordinate Y (Nom)	337
Colour Code	865
Colour Designation	Cool Daylight
Correlated Colour Temperature (Nom)	6500 K
Colour Rendering Index (Nom)	80
Llmf At End Of Nominal Lifetime (Nom)	70 %
Lumen Maintenance 2000 h (Nom)	88 %

Mechanical and Housing

Bulb Shape Spiral

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/ 1000 h	Mercury (Hg) Content (Max)
40914500	Essential Tornado 15W CDL E27 1CT/12	15 kWh	2 mg
40912100	Essential Tornado 20W CDL E27 1CT/12	20 kWh	2 mg
40910700	Essential Tornado 23W CDL E27 1CT/12	23 kWh	2.5 mg

Operating and Electrical

Order Code	Full Product Name	Lamp Current (Nom)	Wattage Equivalent	Power (Rated) (Nom)
40914500	Essential Tornado 15W CDL E27 1CT/12	110 mA	70 W	15.0 W

Order Code	Full Product Name	Lamp Current (Nom)	Wattage Equivalent	Power (Rated) (Nom)
40912100	Essential Tornado 20W CDL E27 1CT/12	150 mA	88 W	20.0 W

