PHILIPS

Eco Twister

ECOTWIST



Decorative spiral energy-saving lamp with trusted quality

This small, compact spiral lamp offers a lifetime of up to 6000 hours. The family includes products from 8 to 23 W, allowing easy replacement of most GLS lamps from 30 to 100 W.

Benefits

- More than 80% energy saving compared with incandescent lamps of similar light output
- Average lifetime up to 6 times longer than an incandescent lamp
- The lamp's decorative spiral look means it can be used in applications where it is directly visible

Applications

- Widely used to replace incandescent light bulbs in all kinds of general lighting applications
- Not suitable for dimming or for electronic devices

Features

- Spiral-shaped alternative to incandescent lamps
- Better light distribution than with common ‘stick’ CFLi lamps
- Low mercury content
- Smaller size with greater brightness

- 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.

Versions

15 W (70 W) Compact fluorescent Spiral bulb - RFT



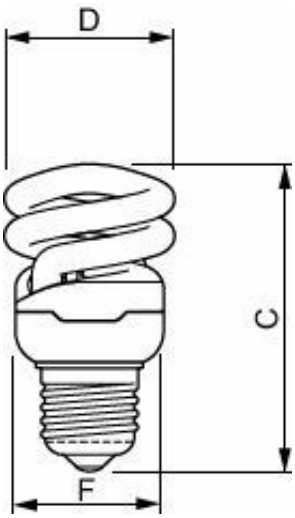
8 W (30 W) E27 cap Compact fluorescent Spiral bulb - RFT



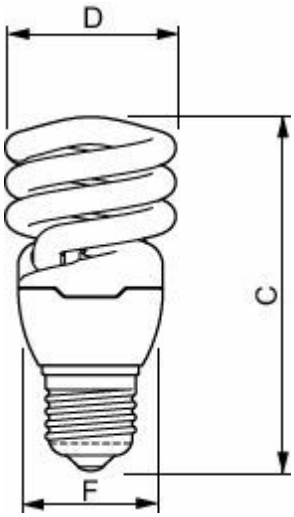
20 W (90 W) Compact fluorescent Spiral bulb - RFT



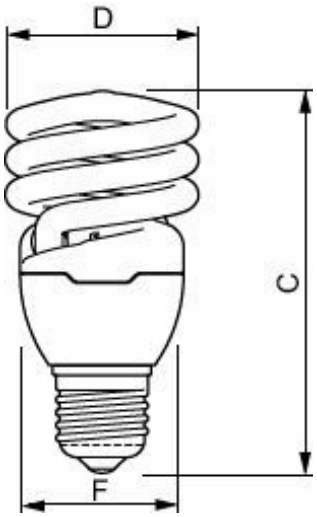
Dimensional drawing



Product	D (max)	C (max)	F (max)
8 W (30 W) E27 cap Compact fluorescent Spiral bulb	46 mm	81.5 mm	40 mm



Product	D (max)	C (max)	F (max)
15 W (60 W) Compact fluorescent Spiral bulb	50 mm	104.5 mm	42 mm



Product	D (max)	C (max)	F (max)
20 W (90 W) Compact fluorescent Spiral bulb	55 mm	108.5 mm	46.5 mm

General Information

Cap-Base	E27
Nominal lifetime	6,000 hour(s)
Switching Cycle	4,000
Rated Lifetime (Hours)	6,000 hour(s)

Light Technical

Color rendering index (CRI)	77
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical

Line Frequency	50 or 60 Hz
Input Frequency	50 or 60 Hz
Starting Time (Nom)	0.3 s
Warm-up time to 60% light	<2 s

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Shape	Spiral

Approval and Application

Energy Saving Product	Yes
Mercury (Hg) Content (Max)	2 mg

Light Technical

Order Code	Full Product Name	Color Code	Luminous Flux	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)
929689001201	15 W (60 W) Compact fluorescent Spiral bulb	865	840 lm	Cool Daylight	313	337	6500 K	56 lm/W
929689000801	8 W (30 W) E27 cap Compact fluorescent Spiral bulb	865	424 lm	Cool Daylight	313	337	6500 K	53 lm/W
929689209001	20 W (90 W) Compact fluorescent Spiral bulb	827	1,200 lm	Warm White (WW)	463	420	2700 K	60 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Lamp Current (Nom)	Voltage (Nom)
929689001201	15 W (60 W) Compact fluorescent Spiral bulb	15 W	210 mA	110-127 V
929689000801	8 W (30 W) E27 cap Compact fluorescent Spiral bulb	8 W	110 mA	110-127 V
929689209001	20 W (90 W) Compact fluorescent Spiral bulb	20 W	150 mA	220-240 V

Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h
929689001201	15 W (60 W) Compact fluorescent Spiral bulb	15 kWh
929689000801	8 W (30 W) E27 cap Compact fluorescent Spiral bulb	8 kWh
929689209001	20 W (90 W) Compact fluorescent Spiral bulb	20 kWh

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