



Spreadhead spiral shape energy saving products, preferred by over 90% of consumers

Tornado T2

Tornado has outstanding brightness which makes your colours appear more vivid. It fits everywhere due to its compact design. With comprehensive product range, it allows easy replacement of incandescent lamps all the way.

Benefits

- High performance in small size
- Saves up to 85% energy and saves money
- Lasts for a very long time

Features

- Very long lifetime

Application

- Replacement of incandescent lamps in both professional and home applications (hotels, restaurants, shops)
- Decorative look; lamps can be used in places where they are directly visible, adding a decorative effect

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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.

Versions



8718291218302 - RFT

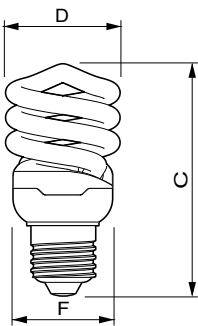


8718291218340 - RFT



12W (40W) B22 Cool daylight
Spiral - RFT

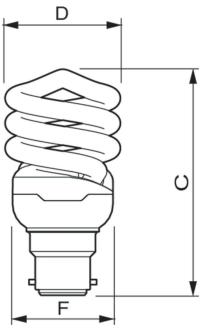
Dimensional drawing



Product	D (max)	C (max)	F (max)
12 W (40 W) E27 cap Cool daylight Spiral energy saving bulb	47.5 mm	94.0 mm	40.5 mm
12 W (40 W) E27 cap Warm white Spiral energy saving bulb	47.5 mm	94.0 mm	40.5 mm

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Dimensional drawing



Product	D (max)	C (max)	F (max)
12 W (40 W) B22 cap Warm white Spiral energy saving bulb	47.5 mm	92.5 mm	40.5 mm
12W (40W) B22 Cool daylight Spiral	47.5 mm	92.5 mm	40.5 mm

General Information	
Rated Lifetime (Hours)	8,000 h
Switching Cycle	5,000
Nominal lifetime	8,000 h
Light Technical	
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Lamp Current (Nom)	90 mA
Input Frequency	50 or 60 Hz
Line Frequency	50 or 60 Hz
Voltage (Nom)	220-240 V
Power Consumption	12 W
Starting Time (Nom)	0.3 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	Spiral
Approval and Application	
Energy Consumption kWh/1000 h	12 kWh
Mercury (Hg) Content (Nom)	1.5 mg

General Information

Order Code	Full Product Name	Cap-Base
929689888501	12 W (40 W) B22 cap Warm white Spiral energy saving bulb	B22
929689888601	12W (40W) B22 Cool daylight Spiral	B22
929689868501	12 W (40 W) E27 cap Warm white Spiral energy saving bulb	E27
929689868601	12 W (40 W) E27 cap Cool daylight Spiral energy saving bulb	E27

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color	
				Color Designation	Temperature (Nom)
929689888501	12 W (40 W) B22 cap Warm white Spiral	463	420	Warm White (WW)	2700 K

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color	
				Color Designation	Temperature (Nom)
929689888601	12W (40W) B22 Cool	313	337	Cool Daylight	6500 K

Tornado T2

Order Code	Full Product Name	Chromaticity		Color Designation	Correlated Color Temperature
		Coordinate X (Nom)	Coordinate Y (Nom)		(Nom)
929689868501	daylight	463	420	Warm White (WW)	2700 K
	Spiral				
	12 W (40 W) E27 cap				
	Warm white				
	Spiral energy				

Order Code	Full Product Name	Chromaticity		Color Designation	Correlated Color Temperature
		Coordinate X (Nom)	Coordinate Y (Nom)		(Nom)
929689868601	saving bulb	313	337	Cool Daylight	6500 K
	12 W (40 W) E27 cap				
	Cool daylight				
	Spiral energy saving bulb				

Light Technical (2/2)

Order Code	Full Product Name	Color rendering		Luminous Efficacy (rated) (Nom)	Luminous Flux
		index (CRI)	Code		
929689888501	12 W (40 W) B22 cap Warm white	82	827	61 lm/W	741 lm
	Spiral energy saving bulb				
929689888601	12W (40W) B22 Cool daylight Spiral	80	865	58 lm/W	700 lm
929689868501	12 W (40 W) E27 cap Warm white	82	827	61 lm/W	741 lm

Order Code	Full Product Name	Color rendering		Luminous Efficacy (rated) (Nom)	Luminous Flux
		index (CRI)	Code		
929689868601	Spiral energy saving bulb	80	865	58 lm/W	700 lm
	12 W (40 W) E27 cap Cool daylight				
	Spiral energy saving bulb				

