



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

Economy Twister

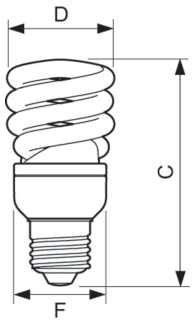
Warnings and Safety

- 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.

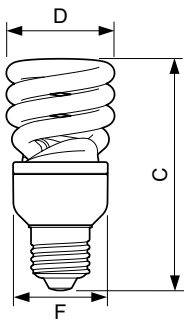
Versions



Dimensional drawing



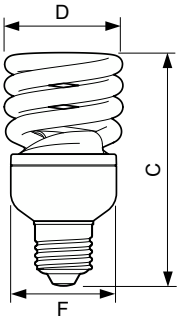
Product	D (max)	C (max)	F (max)
EconomyTwister 12W CDL E27 1PF/6	47.5 mm	94 mm	40.5 mm
EconomyTwister 12W WW E27 220-240V 1PF/6	47.5 mm	94 mm	40.5 mm



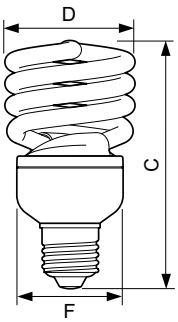
Product	D (max)	C (max)	F (max)
EconomyTwister 15W CDL E27 1PF/6	51.5 mm	107.5 mm	42.5 mm

Economy Twister

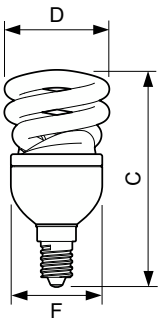
Dimensional drawing



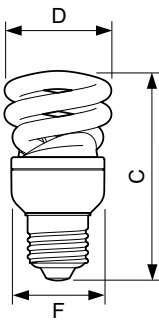
Product	D (max)	C (max)	F (max)
EconomyTwister 20W CDL E27 1PF/6	56.5 mm	111.5 mm	47 mm
EconomyTwister 20W WW E27 220-240V 1PF/6	56.5 mm	111.5 mm	47 mm



Product	D (max)	C (max)	F (max)
EconomyTwister 23W CDL E27 1PF/6	61.5 mm	118.5 mm	50.5 mm



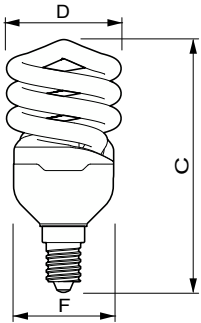
Product	D (max)	C (max)	F (max)
EconomyTwister 8W CDL E14 220-240V 1PF/6	47.5 mm	96.5 mm	40.5 mm



Product	D (max)	C (max)	F (max)
EconomyTwister 8W CDL E27 220-240V 1PF/6	47.5 mm	86.5 mm	40.5 mm

Economy Twister

Dimensional drawing



Product	D (max)	C (max)	F (max)
EconomyTwister 12W CDL E14 1PF/6	47.5 mm	104 mm	40.5 mm
EconomyTwister 12W WW E14 220-240V 1PF/6	47.5 mm	104 mm	40.5 mm

General Information	
Rated Lifetime (Hours)	6,000 hour(s)
Switching Cycle	6,000
Nominal lifetime	6,000 hour(s)
Light Technical	
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Warm-up time to 60% light	5-40 s s
Input Frequency	50 or 60 Hz
Line Frequency	50 or 60 Hz
Voltage (Nom)	220-240 V
Starting Time (Nom)	0.3 s
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Shape	Spiral

General Information

Order Code	Full Product Name	Cap-Base
21705300	EconomyTwister 12W WW E14 220-240V 1PF/6	E14
40615200	EconomyTwister 12W CDL E14 1PF/6	E14
40612100	EconomyTwister 8W CDL E27 220-240V 1PF/6	E27
21703900	EconomyTwister 12W WW E27 220-240V 1PF/6	E27
40614500	EconomyTwister 12W CDL E27 1PF/6	E27
21707700	EconomyTwister 15W CDL E27 1PF/6	E27
68008600	EconomyTwister 20W WW E27 220-240V 1PF/6	E27
67939400	EconomyTwister 20W CDL E27 1PF/6	E27
21715200	EconomyTwister 23W CDL E27 1PF/6	E27
40613800	EconomyTwister 8W CDL E14 220-240V 1PF/6	E14

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Color Designation	Correlated
		Coordinate X (Nom)	Coordinate Y (Nom)		Color Temperature (Nom)
21705300	EconomyTwister 12W WW E14 220-240V 1PF/6	463	420	Warm White (WW)	2700 K
40615200	EconomyTwister 12W CDL E14 1PF/6	313	337	Cool Daylight	6500 K
40612100	EconomyTwister 8W CDL E27 220-240V 1PF/6	313	337	Cool Daylight	6500 K

Order Code	Full Product Name	Chromaticity		Color Designation	Correlated
		Coordinate X (Nom)	Coordinate Y (Nom)		Color Temperature (Nom)
21703900	EconomyTwister 12W WW E27 220-240V 1PF/6	463	420	Warm White (WW)	2700 K
40614500	EconomyTwister 12W CDL E27 1PF/6	313	337	Cool Daylight	6500 K
21707700	EconomyTwister 15W CDL E27 1PF/6	313	337	Cool Daylight	6500 K

Economy Twister

Order Code	Full Product Name	Chromaticity		Color Designation	Correlated
		Coordinate X (Nom)	Coordinate Y (Nom)		Color Temperature (Nom)
68008600	EconomyTwister 20W WW E27 220-240V 1PF/6	463	420	Warm White (WW)	2700 K
67939400	EconomyTwister 20W CDL E27 1PF/6	313	337	Cool Daylight	6500 K

Order Code	Full Product Name	Chromaticity		Color Designation	Correlated
		Coordinate X (Nom)	Coordinate Y (Nom)		Color Temperature (Nom)
21715200	EconomyTwister 23W CDL E27 1PF/6	313	337	Cool Daylight	6500 K
40613800	EconomyTwister 8W CDL E14 220-240V 1PF/6	313	337	Cool Daylight	6500 K

Light Technical (2/2)

Order Code	Full Product Name	Color rendering		Luminous	
		index (CRI)	Color Code	Efficacy (rated) (Nom)	Luminous Flux
21705300	EconomyTwister 12W WW E14 220-240V 1PF/6	81	827	61 lm/W	741 lm
40615200	EconomyTwister 12W CDL E14 1PF/6	80	865	58 lm/W	700 lm
40612100	EconomyTwister 8W CDL E27 220-240V 1PF/6	80	865	59 lm/W	475 lm
21703900	EconomyTwister 12W WW E27 220-240V 1PF/6	81	827	61 lm/W	741 lm
40614500	EconomyTwister 12W CDL E27 1PF/6	80	865	58 lm/W	700 lm

Order Code	Full Product Name	Color rendering		Luminous	
		index (CRI)	Color Code	Efficacy (rated) (Nom)	Luminous Flux
21707700	EconomyTwister 15W CDL E27 1PF/6	80	865	61 lm/W	900 lm
68008600	EconomyTwister 20W WW E27 220-240V 1PF/6	81	827	65 lm/W	1,250 lm
67939400	EconomyTwister 20W CDL E27 1PF/6	80	865	61 lm/W	1,200 lm
21715200	EconomyTwister 23W CDL E27 1PF/6	80	865	63 lm/W	1,450 lm
40613800	EconomyTwister 8W CDL E14 220-240V 1PF/6	80	865	59 lm/W	475 lm

Operating and Electrical

Order Code	Full Product Name	Lamp Current	Power
		(Nom)	Consumption
21705300	EconomyTwister 12W WW E14 220-240V 1PF/6	90 mA	12.0 W
40615200	EconomyTwister 12W CDL E14 1PF/6	90 mA	12.0 W
40612100	EconomyTwister 8W CDL E27 220-240V 1PF/6	60 mA	8.0 W
21703900	EconomyTwister 12W WW E27 220-240V 1PF/6	90 mA	12.0 W
40614500	EconomyTwister 12W CDL E27 1PF/6	90 mA	12.0 W

Order Code	Full Product Name	Lamp Current	Power
		(Nom)	Consumption
21707700	EconomyTwister 15W CDL E27 1PF/6	110 mA	15.0 W
68008600	EconomyTwister 20W WW E27 220-240V 1PF/6	150 mA	20.0 W
67939400	EconomyTwister 20W CDL E27 1PF/6	150 mA	20.0 W
21715200	EconomyTwister 23W CDL E27 1PF/6	170 mA	23.0 W
40613800	EconomyTwister 8W CDL E14 220-240V 1PF/6	60 mA	8.0 W

Approval and Application

Order Code	Full Product Name	Energy	
		Consumption kWh/1000 h	Mercury (Hg) Content (Max)
21705300	EconomyTwister 12W WW E14 220-240V 1PF/6	12 kWh	2.0 mg
40615200	EconomyTwister 12W CDL E14 1PF/6	12 kWh	2.0 mg

Order Code	Full Product Name	Energy	
		Consumption kWh/1000 h	Mercury (Hg) Content (Max)
40612100	EconomyTwister 8W CDL E27 220-240V 1PF/6	8 kWh	2.0 mg
21703900	EconomyTwister 12W WW E27 220-240V 1PF/6	12 kWh	2.0 mg

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Order Code	Full Product Name	Energy	
		Consumption kWh/ 1000 h	Mercury (Hg) Content (Max)
40614500	EconomyTwister 12W CDL E27 1PF/6	12 kWh	2.0 mg
21707700	EconomyTwister 15W CDL E27 1PF/6	15 kWh	2 mg
68008600	EconomyTwister 20W WW E27 220-240V 1PF/6	20 kWh	2 mg

Order Code	Full Product Name	Energy	
		Consumption kWh/ 1000 h	Mercury (Hg) Content (Max)
67939400	EconomyTwister 20W CDL E27 1PF/6	20 kWh	2 mg
21715200	EconomyTwister 23W CDL E27 1PF/6	23 kWh	2.5 mg
40613800	EconomyTwister 8W CDL E14 220-240V 1PF/6	8 kWh	2.0 mg

