



Decorative spiral energy-saving lamp with trusted quality

Eco Twister

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

Features

Application

Warnings and Safety

Versions



8 W E27



12 W E27



15 W E27



20 W E27

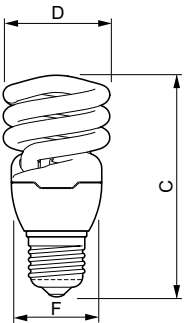
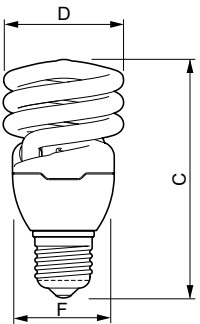
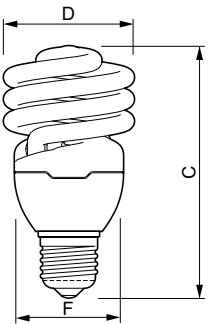
Eco Twister

Versions



23 W E27

Dimensional drawing



Product

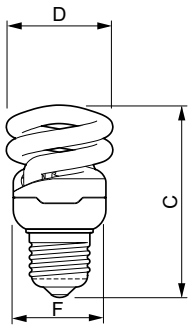
ECO Twister 23W CDL E27 220-240V 1PF/12
 ECO Twister 23W CDL E27 110-127V 1PF/12
 ECO Twister 23W WW E27 110-127V 1PF/12
 ECO Twister 23W WW E27 220-240V 1PF/12

Product	D (max)	C (max)	F (max)
ECO Twister 20W CDL E27 220-240V 1PF/12	55 mm	108.5 mm	46.5 mm
ECO Twister 20W WW E27 220-240V 1PF/12	55 mm	108.5 mm	46.5 mm
ECO Twister 20W CDL E27 110-127V 1PF/12	55 mm	108.5 mm	46.5 mm
ECO Twister 20W WW E27 110-127V 1PF/12	55 mm	108.5 mm	46.5 mm

Product	D (max)	C (max)	F (max)
ECO Twister 15W CDL E27 220-240V 1PF/12	50 mm	104.5 mm	42 mm
ECO Twister 15W WW E27 220-240V 1PF/12	50 mm	104.5 mm	42 mm
ECO Twister 15W CDL E27 110-127V 1PF/12	50 mm	104.5 mm	42 mm
ECO Twister 15W WW E27 110-127V 1PF/12	50 mm	104.5 mm	42 mm

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Dimensional drawing



Product	D (max)	C (max)	F (max)
ECO Twister 12W CDL E27 220-240V 1PF/12	46 mm	91 mm	40 mm
ECO Twister 12W WW E27 220-240V 1PF/12	46 mm	91 mm	40 mm
ECO Twister 12W CDL E27110-127V 1PF/12	46 mm	91 mm	40 mm
ECO Twister 12W WW E27 110-127V 1PF/12	46 mm	91 mm	40 mm

Product
ECO Twister 8W CDL E27 110-127V 1PF/12

Approval and Application

Energy Saving Product	Yes
Energy Efficiency Label (EEL)	A

Controls and Dimming

Dimmable	No
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Operating and Electrical

Input Frequency	50 or 60 Hz
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	4000X

Light Technical

Color Rendering Index (Nom)	77
Llmf At End Of Nominal Lifetime (Nom)	70 %
Lumen Maintenance 2000 h (Nom)	80 %

Mechanical and Housing

Bulb Shape	Spiral
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Approval and Application

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)
929689000801	ECO Twister 8W CDL E27 110-127V 1PF/12	8 kWh	2 mg
929689000901	ECO Twister 12W WW E27 110-127V 1PF/12	12 kWh	2 mg
929689001001	ECO Twister 12W CDL E27110-127V 1PF/12	12 kWh	2 mg
929689208601	ECO Twister 12W WW E27 220-240V 1PF/12	12 kWh	2 mg
929689208701	ECO Twister 12W CDL E27 220-240V 1PF/12	12 kWh	2 mg
929689001101	ECO Twister 15W WW E27 110-127V 1PF/12	15 kWh	2 mg
929689001201	ECO Twister 15W CDL E27 110-127V 1PF/12	15 kWh	2 mg
929689208801	ECO Twister 15W WW E27 220-240V 1PF/12	15 kWh	2 mg
929689208901	ECO Twister 15W CDL E27 220-240V 1PF/12	15 kWh	2 mg
929689001301	ECO Twister 20W WW E27 110-127V 1PF/12	20 kWh	2 mg
929689001401	ECO Twister 20W CDL E27 110-127V 1PF/12	20 kWh	2 mg
929689209001	ECO Twister 20W WW E27 220-240V 1PF/12	20 kWh	2 mg
929689209101	ECO Twister 20W CDL E27 220-240V 1PF/12	20 kWh	2 mg
929689001501	ECO Twister 23W WW E27 110-127V 1PF/12	23 kWh	2.5 mg
929689001601	ECO Twister 23W CDL E27 110-127V 1PF/12	23 kWh	2.5 mg
929689209201	ECO Twister 23W WW E27 220-240V 1PF/12	23 kWh	2.5 mg
929689209301	ECO Twister 23W CDL E27 220-240V 1PF/12	23 kWh	2.5 mg

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Operating and Electrical

Order Code	Full Product Name	Lamp		Power
		Current (Nom)	Voltage (Nom)	(Rated) (Nom)
929689000801	ECO Twister 8W CDL E27 110-127V 1PF/12	110 mA	110-127 V	8 W
929689000901	ECO Twister 12W WW E27 110-127V 1PF/12	160 mA	110-127 V	12 W
929689001001	ECO Twister 12W CDL E27110-127V 1PF/12	160 mA	110-127 V	12 W
929689208601	ECO Twister 12W WW E27 220-240V 1PF/12	90 mA	220-240 V	12 W
929689208701	ECO Twister 12W CDL E27 220-240V 1PF/12	90 mA	220-240 V	12 W
929689001101	ECO Twister 15W WW E27 110-127 1PF/12	210 mA	110-127 V	15 W
929689001201	ECO Twister 15W CDL E27 110-127V 1PF/12	210 mA	110-127 V	15 W
929689208801	ECO Twister 15W WW E27 220-240V 1PF/12	110 mA	220-240 V	15 W
929689208901	ECO Twister 15W CDL E27 220-240V 1PF/12	110 mA	220-240 V	15 W

Order Code	Full Product Name	Lamp		Power
		Current (Nom)	Voltage (Nom)	(Rated) (Nom)
929689001301	ECO Twister 20W WW E27 110-127V 1PF/12	270 mA	110-127 V	20 W
929689001401	ECO Twister 20W CDL E27 110-127V 1PF/12	270 mA	110-127 V	20 W
929689209001	ECO Twister 20W WW E27 220-240V 1PF/12	150 mA	220-240 V	20 W
929689209101	ECO Twister 20W CDL E27 220-240V 1PF/12	150 mA	220-240 V	20 W
929689001501	ECO Twister 23W WW E27 110-127V 1PF/12	320 mA	110-127 V	23 W
929689001601	ECO Twister 23W CDL E27 110-127V 1PF/12	320 mA	110-127 V	23 W
929689209201	ECO Twister 23W WW E27 220-240V 1PF/12	170 mA	220-240 V	23 W
929689209301	ECO Twister 23W CDL E27 220-240V 1PF/12	170 mA	220-240 V	23 W

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Chromaticity	
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Code	Color Designation
929689000801	ECO Twister 8W CDL E27 110-127V 1PF/12	313	337	865	Cool Daylight
929689000901	ECO Twister 12W WW E27 110-127V 1PF/12	463	420	827	Warm White (WW)
929689001001	ECO Twister 12W CDL E27110-127V 1PF/12	313	337	865	Cool Daylight
929689208601	ECO Twister 12W WW E27 220-240V 1PF/12	463	420	827	Warm White (WW)
929689208701	ECO Twister 12W CDL E27 220-240V 1PF/12	313	337	865	Cool Daylight
929689001101	ECO Twister 15W WW E27 110-127 1PF/12	463	420	827	Warm White (WW)
929689001201	ECO Twister 15W CDL E27 110-127V 1PF/12	313	337	865	Cool Daylight
929689208801	ECO Twister 15W WW E27 220-240V 1PF/12	463	420	827	Warm White (WW)

Order Code	Full Product Name	Chromaticity		Chromaticity	
		Coordinate X (Nom)	Coordinate Y (Nom)	Color Code	Color Designation
929689208901	ECO Twister 15W CDL E27 220-240V 1PF/12	313	337	865	Cool Daylight
929689001301	ECO Twister 20W WW E27 110-127V 1PF/12	463	420	827	Warm White (WW)
929689001401	ECO Twister 20W CDL E27 110-127V 1PF/12	313	337	865	Cool Daylight
929689209001	ECO Twister 20W WW E27 220-240V 1PF/12	463	420	827	Warm White (WW)
929689209101	ECO Twister 20W CDL E27 220-240V 1PF/12	313	337	865	Cool Daylight
929689001501	ECO Twister 23W WW E27 110-127V 1PF/12	463	420	827	Warm White (WW)
929689001601	ECO Twister 23W CDL E27 110-127V 1PF/12	313	337	865	Cool Daylight
929689209201	ECO Twister 23W WW E27 220-240V 1PF/12	463	420	827	Warm White (WW)

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Order Code	Full Product Name	Chromaticity		Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Code	Designation
929689209301	ECO Twister 23W CDL E27 220-240V 1PF/12	313	337	865	Cool Daylight

Light Technical (2/2)

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
92968900901	ECO Twister 12W WW E27 110-127V 1PF/12	2700 K	55 lm/W	665 lm	665 lm
92968901001	ECO Twister 12W CDL E27110-127V 1PF/12	6500 K	55 lm/W	665 lm	665 lm
929689208601	ECO Twister 12W WW E27 220-240V 1PF/12	2700 K	55 lm/W	665 lm	665 lm
929689208701	ECO Twister 12W CDL E27 220-240V 1PF/12	6500 K	55 lm/W	665 lm	665 lm
929689001101	ECO Twister 15W WW E27 110-127 1PF/12	2700 K	56 lm/W	840 lm	840 lm
929689001201	ECO Twister 15W CDL E27 110-127V 1PF/12	6500 K	56 lm/W	840 lm	840 lm
929689208801	ECO Twister 15W WW E27 220-240V 1PF/12	2700 K	57 lm/W	855 lm	855 lm
929689208901	ECO Twister 15W CDL E27	6500 K	57 lm/W	855 lm	855 lm

Order Code	Full Product Name	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux (Nom)	Luminous Flux (Rated) (Nom)
929689001401	ECO Twister 20W WW E27 110-127V 1PF/12	6500 K	59 lm/W	1180 lm	1180 lm
929689209001	ECO Twister 20W CDL E27 110-127V 1PF/12	2700 K	60 lm/W	1200 lm	1200 lm
929689209101	ECO Twister 20W WW E27 220-240V 1PF/12	2700 K	60 lm/W	1200 lm	1200 lm
929689209101	ECO Twister 20W CDL E27 220-240V 1PF/12	6500 K	59 lm/W	1180 lm	1180 lm
929689001501	ECO Twister 23W WW E27 110-127V 1PF/12	2700 K	60 lm/W	1380 lm	1380 lm
929689001601	ECO Twister 23W CDL E27 110-127V 1PF/12	6500 K	60 lm/W	1380 lm	1380 lm
929689209201	ECO Twister 23W WW E27 220-240V 1PF/12	2700 K	60 lm/W	1380 lm	1380 lm
929689209301	ECO Twister 23W CDL E27 220-240V 1PF/12	6500 K	60 lm/W	1380 lm	1380 lm

