



# Eco Twister

## ECO Twister 23W WW E27 220-240V 1PF/12

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.

### 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.

### Product data

|                                    |                     |   |             |
|------------------------------------|---------------------|---|-------------|
| <b>General Information</b>         |                     | <b>LLMF At End Of Nominal Lifetime (Nom)</b> 70 % |             |
| Cap-Base                           | E27 [ E27]          |   |             |
| Nominal Lifetime (Nom)             | 6000 h              |   |             |
| Switching Cycle                    | 4000X               |   |             |
| <b>Light Technical</b>             |                     | <b>Operating and Electrical</b>                   |             |
| Color Code                         | 827 [ CCT of 2700K] | Input Frequency                                   | 50 or 60 Hz |
| Luminous Flux (Nom)                | 1380 lm             | Power (Nom)                                       | 23 W        |
| Luminous Flux (Rated) (Nom)        | 1380 lm             | Lamp Current (Nom)                                | 170 mA      |
| Color Designation                  | Warm White (WW)     | Starting Time (Nom)                               | 0.3 s       |
| Lumen Maintenance 2000 h (Nom)     | 80 %                | Warm Up Time to 60% Light (Min)                   | 5 s         |
| Chromaticity Coordinate X (Nom)    | 463                 | Warm Up Time to 60% Light (Max)                   | 40 s        |
| Chromaticity Coordinate Y (Nom)    | 420                 | Power Factor (Nom)                                | 0.5         |
| Correlated Color Temperature (Nom) | 2700 K              | Voltage (Nom)                                     | 220-240 V   |
| Luminous Efficacy (rated) (Nom)    | 60 lm/W             |   |             |
| Color Rendering Index (Nom)        | 77                  | <b>Controls and Dimming</b>                       |             |
|                                    |                     | Dimmable  | No          |
|                                    |                     | <b>Approval and Application</b>                   |             |
|                                    |                     | Energy Efficiency Label (EEL)                     | A           |

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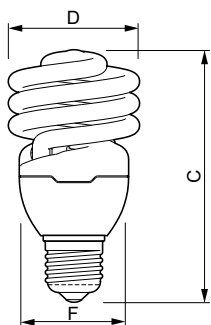
|                               |        |
|-------------------------------|--------|
| Energy Saving Product         | Yes    |
| Mercury (Hg) Content (Max)    | 2.5 mg |
| Energy Consumption kWh/1000 h | 23 kWh |

### Product Data

|                    |  |
|--------------------|--|
| Full product code  | 871869643626400                        |
| Order product name | ECO Twister 23W WW E27 220-240V 1PF/12 |
| EAN/UPC - Product  | 8718696436264                          |

|                                 |              |
|---------------------------------|--------------|
| Order code                      | 929689209201 |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 12           |
| Material Nr. (12NC)             | 929689209201 |
| Net Weight (Piece)              | 0.077 kg     |

## Dimensional drawing



TORNADO 23W WW E27 220-240V 50/60Hz

| Product                                | D (max) | C (max)  | F (max) |
|--|---------|----------|---------|
| ECO Twister 23W WW E27 220-240V 1PF/12 | 60.0 mm | 115.5 mm | 50 mm   |

