



# Decorative spiral-shaped energy-saving lamp

## ECOHOME Twister

This spiral-shaped lamp is designed for customers looking for a compact lamp to use in applications where the lamp is directly visible. The product family includes lamps ranging from 11 to 23 W, allowing easy replacement of most GLS lamps from 50 to 100 W.

### Benefits

- Saves over 80% energy compared with incandescent lamps with a similar light output
- Average lifetime up to 8 times longer than that of incandescent lamps, reducing the need for lamp replacement
- With its decorative spiral look, the lamp is ideal for use in applications where it is directly visible

### Features

- Spiral-shaped alternative to incandescent lamps
- Better light distribution than conventional 'stick' CFL-I lamps
- Low mercury content to protect the environment

### Application

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

Versions

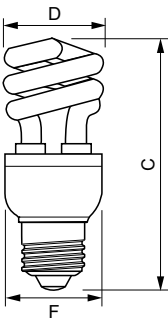
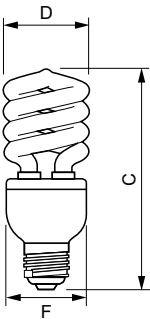


11W, E26/E27



20W, E26/E27

Dimensional drawing



| Product                                    | D (max) | C (max)  | F (max) |
|--------------------------------------------|---------|----------|---------|
| ECOHOME Twister 20W CDL E27 110-127V 1PF/6 | 54.0 mm | 135.0 mm | 48.4 mm |
| ECOHOME Twister 0W WW E27 110-127V 1PF/6   | 54.0 mm | 135.0 mm | 48.4 mm |

| Product                                   | D (max) | C (max)  | F (max) |
|-------------------------------------------|---------|----------|---------|
| ECOHOME Twister 11W WW E27 220-240V 1PF/6 | 47.0 mm | 116.0 mm | 44.4 mm |

|                                      |             |
|--------------------------------------|-------------|
| Approval and Application             |             |
| Energy Efficiency Label (EEL)        | A           |
| Controls and Dimming                 |             |
| Dimmable                             | No          |
| Operating and Electrical             |             |
| Input Frequency                      | 50 or 60 Hz |
| Warm Up Time To 60% Light (Max)      | 60 s        |
| Warm Up Time To 60% Light (Min)      | 5 s         |
| General Information                  |             |
| Cap-Base                             | E27         |
| Switching Cycle                      | 5000X       |
| Light Technical                      |             |
| Lmf At End Of Nominal Lifetime (Nom) | 70 %        |
| Lumen Maintenance 2000 h (Nom)       | 85 %        |
| Lumen Maintenance 5000 h (Nom)       | 75 %        |
| Mechanical and Housing               |             |
| Bulb Shape                           | Spiral      |

Approval and Application

| Order Code   | Full Product Name                        | Energy Consumption kWh/1000 h |
|--------------|------------------------------------------|-------------------------------|
| 929689817305 | ECOHOME Twister11W WW E27 220-240V 1PF/6 | 11 kWh                        |
| 929689937106 | ECOHOME Twister20W WW E27 110-127V 1PF/6 | 20 kWh                        |
| 929689937206 | ECOHOMETwister20W CDL E27 110-127V 1PF/6 | 20 kWh                        |

Operating and Electrical (1/2)

| Order Code   | Full Product Name                        | Lamp Current (Max) | Lamp Current (Min) | Lamp Current (Nom) | Lamp Voltage (Nom) |
|--------------|------------------------------------------|--------------------|--------------------|--------------------|--------------------|
| 929689817305 | ECOHOME Twister11W WW E27 220-240V 1PF/6 | -                  | -                  | 80 mA              | 220-240 V          |
| 929689937106 | ECOHOME Twister20W WW E27 110-127V 1PF/6 | 275 mA             | 265 mA             | 260 mA             | 110-127 V          |

| Order Code   | Full Product Name                        | Lamp Current (Max) | Lamp Current (Min) | Lamp Current (Nom) | Lamp Voltage (Nom) |
|--------------|------------------------------------------|--------------------|--------------------|--------------------|--------------------|
| 929689937206 | ECOHOMETwister20W CDL E27 110-127V 1PF/6 | 275 mA             | 265 mA             | 270 mA             | 110-127 V          |

Operating and Electrical (2/2)

| Order Code   | Full Product Name                        | Wattage Equivalent | Power (Rated) (Nom) | Starting Time (Nom) |
|--------------|------------------------------------------|--------------------|---------------------|---------------------|
| 929689817305 | ECOHOME Twister11W WW E27 220-240V 1PF/6 | 50 W               | 11 W                | 0.3 s               |
| 929689937106 | ECOHOME Twister20W WW E27 110-127V 1PF/6 | 100 W              | 20 W                | -                   |

| Order Code   | Full Product Name                        | Wattage Equivalent | Power (Rated) (Nom) | Starting Time (Nom) |
|--------------|------------------------------------------|--------------------|---------------------|---------------------|
| 929689937206 | ECOHOMETwister20W CDL E27 110-127V 1PF/6 | 100 W              | 20 W                | -                   |

General Information

| Order Code   | Full Product Name                        | Nominal Lifetime (Nom) | Rated Lifetime (Hours) |
|--------------|------------------------------------------|------------------------|------------------------|
| 929689817305 | ECOHOME Twister11W WW E27 220-240V 1PF/6 | 8000 h                 | 8000 h                 |
| 929689937106 | ECOHOME Twister20W WW E27 110-127V 1PF/6 | 8000 h                 | 8000 h                 |

| Order Code   | Full Product Name                        | Nominal Lifetime (Nom) | Rated Lifetime (Hours) |
|--------------|------------------------------------------|------------------------|------------------------|
| 929689937206 | ECOHOMETwister20W CDL E27 110-127V 1PF/6 | 6000 h                 | 6000 h                 |

Light Technical (1/2)

## ECOHOME Twister

| Order Code   | Full Product Name                           | Chromaticity       | Chromaticity       | Color Code | Color Designation |
|--------------|---------------------------------------------|--------------------|--------------------|------------|-------------------|
|              |                                             | Coordinate X (Nom) | Coordinate Y (Nom) |            |                   |
| 929689817305 | ECOHOME Twister11W<br>WW E27 220-240V 1PF/6 | 463                | 420                | 827        | Warm White (WW)   |
| 929689937106 | ECOHOME Twister20W<br>WW E27 110-127V 1PF/6 | 463                | 420                | 827        | Warm White (WW)   |

| Order Code   | Full Product Name                           | Chromaticity       | Chromaticity       | Color Code | Color Designation |
|--------------|---------------------------------------------|--------------------|--------------------|------------|-------------------|
|              |                                             | Coordinate X (Nom) | Coordinate Y (Nom) |            |                   |
| 929689937206 | ECOHOMETwister20W<br>CDL E27 110-127V 1PF/6 | 313                | 337                | 865        | Cool Daylight     |

### Light Technical (2/2)

| Order Code   | Full Product Name                           | Correlated Color Temperature (Nom) | Color Rendering Index (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux (Nom) | Luminous Flux (Rated) (Nom) | Order Code   | Full Product Name                              | Correlated Color Temperature (Nom) | Color Rendering Index (Nom) | Luminous Efficacy (rated) (Nom) | Luminous Flux (Nom) | Luminous Flux (Rated) (Nom) |
|--------------|---------------------------------------------|------------------------------------|-----------------------------|---------------------------------|---------------------|-----------------------------|--------------|------------------------------------------------|------------------------------------|-----------------------------|---------------------------------|---------------------|-----------------------------|
|              |                                             | (K)                                | (Nom)                       | (lm/W)                          | (lm)                | (lm)                        |              |                                                | (K)                                | (Nom)                       | (lm/W)                          | (lm)                | (lm)                        |
| 929689817305 | ECOHOME Twister11W WW E27<br>220-240V 1PF/6 | 2700 K                             | 82                          | 64 lm/W                         | 700 lm              | 700 lm                      | 929689937206 | ECOHOMETwister20W<br>CDL E27 110-127V<br>1PF/6 | 6500 K                             | 80                          | 63 lm/W                         | 1250 lm             | 1250 lm                     |
| 929689937106 | ECOHOME Twister20W WW E27<br>110-127V 1PF/6 | 2700 K                             | 82                          | 67 lm/W                         | 1350 lm             | 1350 lm                     |              |                                                |                                    |                             |                                 |                     |                             |

