

# ToLEDo Retro Candle

ToLEDo RT Candle 420LM E27 SL

0027284



## Range features

- LED Chip technology using a virtual filament design which creates a warm ambiance similar to traditional lamps
- First lamp of its type to achieve A++ rating - up to 134 lm/W
- Suitable for replacement of up to 60W incandescent lamps
- Available in clear and satin versions
- Packed in individual boxes (SL) or in blisters (BL)
- Up to 90% energy saving compared to incandescent lamps
- Cooler burning versus standard LED lamps
- Dimensional compatibility with all fixtures
- Average lifetime from 6000 hours up to 15 000 hours
- 3 years warranty
- WARNING : If the outer glass jacket is broken conductive parts may still be active. Lamps must not be touched before making sure the mains cable is not live. Switch off the main electrical supply before replacing lamp!

## PRODUCT OVERVIEW

|                            |                     |
|----------------------------|---------------------|
| Ordering number            | 0027284             |
| Technology                 | LED                 |
| Light colour               | Homelight           |
| Energy class               | A++                 |
| Average life (Rated) (h)   | 6000                |
| Lamp shape                 | Candle              |
| Lamp finish                | Clear               |
| Dimmable                   | No                  |
| Cap/Base                   | E27                 |
| Type                       | ToLEDo Retro Candle |
| EAN code                   | 5410288272849       |
| CRI (Ra)                   | 80                  |
| Colour temperature (K)     | 2700                |
| Luminous flux (Rated) (lm) | 420                 |
| Efficacy (Rated) (lm/w)    | 105                 |
| Watt (Nominal) (W)         | 4                   |
| Equivalent watt (W)        | 37                  |
| Voltage (V)                | 230-240             |

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## DATA TABLE

### General data

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technology                                             | LED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Ordering number                                        | 0027284                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Dry applications use only                              | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Energy saving lamp                                     | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Average life (Rated) (h)                               | 6000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Average life (Nominal) (h)                             | 6000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Energy class                                           | A++                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Lamp finish                                            | Clear                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Lamp shape                                             | Candle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Dimmable                                               | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cap/Base                                               | E27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Type                                                   | ToLEDo Retro Candle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| EAN code                                               | 5410288272849                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Range features                                         | LED Chip technology using a virtual filament design which creates a warm ambience similar to traditional lamps. First lamp of its type to achieve A++ rating - up to 134 lm/W. Suitable for replacement of up to 60W incandescent lamps. Available in clear and satin versions. Packed in individual boxes (SL) or in blisters (BL). Up to 90% energy saving compared to incandescent lamps. Cooler burning versus standard LED lamps. Dimensional compatibility with all fixtures. Average lifetime from 6000 hours up to 15 000 hours. 3 years warranty. WARNING : If the outer glass jacket is broken conductive parts may still be active. Lamps must not be touched before making sure the mains cable is not live. Switch off the main electrical supply before replacing lamp! |
| Product name                                           | ToLEDo RT Candle 420LM E27 SL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Lamp mercury content (mg)                              | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Starting time (max) (s)                                | 0.05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Warm-up time to 60% of full light (max) (s)            | < 1s => 60%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Control gear availability                              | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| General application                                    | Hospitality; Residential & Consumer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Intended purpose                                       | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| No. of switching cycles before premature failure (min) | >5000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Special purpose lamp                                   | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Transformer required                                   | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Optimal operating condition (°C)                       | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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## Optical data

|                                              |           |
|----------------------------------------------|-----------|
| Light colour                                 | Homelight |
| CRI (Ra)                                     | 80        |
| Suitable for accent lighting                 | No        |
| Colour temperature (K)                       | 2700      |
| Luminous flux (Rated) (lm)                   | 420       |
| Luminous flux (Nominal) (lm)                 | 420       |
| Lumen maintenance at end of nominal life (%) | 80        |
| Chromaticity coordinate Y                    | -1        |
| Chromaticity coordinate X                    | -1        |
| Adjustable chromaticity                      | No        |

## Electrical data

|                                 |         |
|---------------------------------|---------|
| kWh per 1000 hours burning time | 4       |
| Efficacy (Rated) (lm/w)         | 105     |
| Watt (Nominal) (W)              | 4       |
| Watt (Rated) (W)                | 4       |
| Equivalent watt (W)             | 37      |
| Voltage (V)                     | 230-240 |
| Drive current (mA)              | 32      |
| Lamp power factor               | 0.5     |

## Physical data

|                                                  |     |
|--------------------------------------------------|-----|
| Lamp Length (mm) - C/L                           | 92  |
| Lamp dimension equal to filament lamp equivalent | Yes |
| Diameter (mm)                                    | 35  |

## ENERGY LABEL

