



Features

- Perfect for decorative and general lighting applications and creates a warm ambience similar to traditional lamps The versatile ToLEDo Retro Candle range is the ideal replacement for halogen and incandescent lamps and perfect for chandeliers and decorative applications Same look, size and functionality as incandescent lamps Omni-directional light distribution Gives same sparkling light effect as the incandescent lamp Dimensionally identical to incandescent lamps - fits all fixtures Environment-friendly - no mercury and lower CO2 emissions

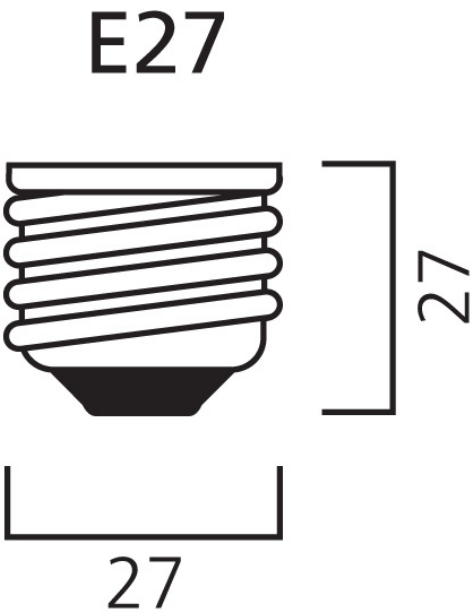
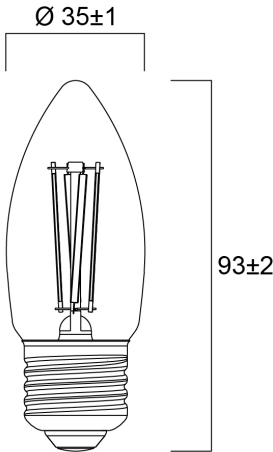
Product Overview

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| Product name                    | ToLEDo RT Candle V5 ST 470LM 827 E27 SL |
| Technology                      | LED                                     |
| Watt (Rated) (W)                | 4.5                                     |
| Type                            | LED exchangeable                        |
| Cap/Base                        | E27                                     |
| Fixture rating                  | Open                                    |
| General application             | Hospitality, Residential & Consumer     |
| ETIM Class                      | EC001959                                |
| E-number FI                     | 4740933                                 |
| Luminous flux (lm)              | 470                                     |
| Colour temperature (K)          | 2700                                    |
| Light colour                    | Homelight                               |
| CRI (Ra)                        | 80                                      |
| Colour Variation Initial (SDCM) | 6                                       |
| Photobiological Risk Group      | RG1                                     |
| Wattage (W)                     | 4.5                                     |
| Product Voltage (V)             | 230                                     |
| Dimmable                        | No                                      |

ToLEDo RT Candle V5 ST 470LM 827 E27 SL  
0029483

|                            |               |
|----------------------------|---------------|
| Average life (Nominal) (h) | 15000         |
| Product EAN number         | 5410288294834 |
| Warranty                   | 3 years       |

Technical drawings



Data table

GENERAL DATA

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| Product name                     | ToLEDo RT Candle V5 ST 470LM 827 E27 SL |
| Technology                       | LED                                     |
| Watt (Rated) (W)                 | 4.5                                     |
| Type                             | LED exchangeable                        |
| Cap/Base                         | E27                                     |
| Fixture rating                   | Open                                    |
| General application              | Hospitality, Residential & Consumer     |
| Operating temperature range (°C) | -20°C...+40°C                           |

## ToLEDo RT Candle V5 ST 470LM 827 E27 SL 0029483

|                                         |    |
|-----------------------------------------|----|
| Performance ambient temperature Tq (°C) | 25 |
|-----------------------------------------|----|

|            |          |
|------------|----------|
| ETIM Class | EC001959 |
|------------|----------|

|             |         |
|-------------|---------|
| E-number FI | 4740933 |
|-------------|---------|

|          |         |
|----------|---------|
| Warranty | 3 years |
|----------|---------|

### OPTICAL DATA

|                    |     |
|--------------------|-----|
| Luminous flux (lm) | 470 |
|--------------------|-----|

|                            |     |
|----------------------------|-----|
| Luminous flux (Rated) (lm) | 470 |
|----------------------------|-----|

|                        |      |
|------------------------|------|
| Colour temperature (K) | 2700 |
|------------------------|------|

|              |           |
|--------------|-----------|
| Light colour | Homelight |
|--------------|-----------|

|          |    |
|----------|----|
| CRI (Ra) | 80 |
|----------|----|

|                                 |   |
|---------------------------------|---|
| Colour Variation Initial (SDCM) | 6 |
|---------------------------------|---|

|                            |     |
|----------------------------|-----|
| Photobiological Risk Group | RG1 |
|----------------------------|-----|

|                                              |    |
|----------------------------------------------|----|
| Lumen maintenance at end of nominal life (%) | 70 |
|----------------------------------------------|----|

### ELECTRICAL DATA

|             |     |
|-------------|-----|
| Wattage (W) | 4.5 |
|-------------|-----|

|                     |    |
|---------------------|----|
| Equivalent watt (W) | 40 |
|---------------------|----|

|                     |     |
|---------------------|-----|
| Product Voltage (V) | 230 |
|---------------------|-----|

|                       |    |
|-----------------------|----|
| Control gear required | No |
|-----------------------|----|

|                                                   |        |
|---------------------------------------------------|--------|
| No. Of switching cycles before premature failures | >50000 |
|---------------------------------------------------|--------|

|                      |    |
|----------------------|----|
| Transformer required | No |
|----------------------|----|

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

|                    |     |
|--------------------|-----|
| Inrush Current (A) | 6.3 |
|--------------------|-----|

|                      |     |
|----------------------|-----|
| Inrush Duration (µs) | 240 |
|----------------------|-----|

|                           |   |
|---------------------------|---|
| Lamp Energy Label (class) | F |
|---------------------------|---|

|                        |         |
|------------------------|---------|
| Nominal Frequency (Hz) | 50/60Hz |
|------------------------|---------|

|                                   |    |
|-----------------------------------|----|
| Max. Luminaires per 16A C Breaker | 25 |
|-----------------------------------|----|

|                                   |    |
|-----------------------------------|----|
| Max. Luminaires per 16A B Breaker | 13 |
|-----------------------------------|----|

### LIFETIME DATA

## ToLEDo RT Candle V5 ST 470LM 827 E27 SL 0029483

|                            |       |
|----------------------------|-------|
| Lifespan L70 B50           | 15000 |
| Average life (Nominal) (h) | 15000 |
| Average life (Rated) (h)   | 15000 |

### PHYSICAL DATA

|                               |       |
|-------------------------------|-------|
| Nominal Product Length (mm)   | 93    |
| Nominal Product Diameter (mm) | 35    |
| Weight (kg)                   | 0.021 |

### PACKAGING

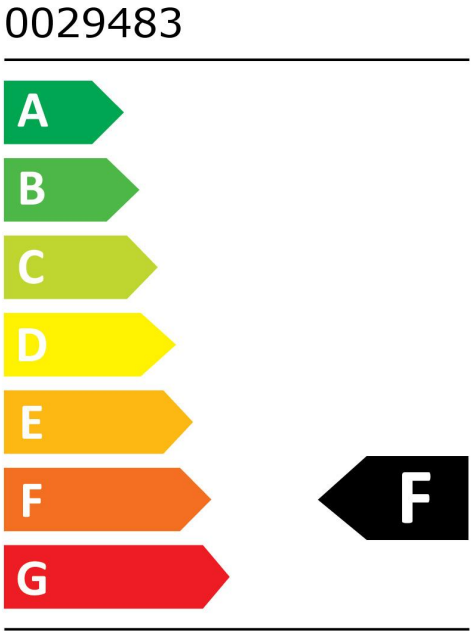
|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288294834  |
| Packaging single length / height (cm) | 11.0           |
| Packaging single width (cm)           | 4.5            |
| Packaging single depth (cm)           | 4.5            |
| DUN14 (outer)                         | 15410288294831 |
| Units per outer package               | 6              |
| Packaging outer length / height (cm)  | 14.3           |
| Packaging outer width (cm)            | 9.7            |
| Packaging outer depth (cm)            | 12.0           |

### SAFETY DATA

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Optimal operating condition (°C)    | -20-40                                     |
| Breakage cleaning instructions      | Not applicable                             |
| Special purpose lamp                | No                                         |
| Dry applications use only           | Yes                                        |
| Suitable for household illumination | Yes                                        |
| Safety message                      | Not Suitable for totally enclosed fixtures |

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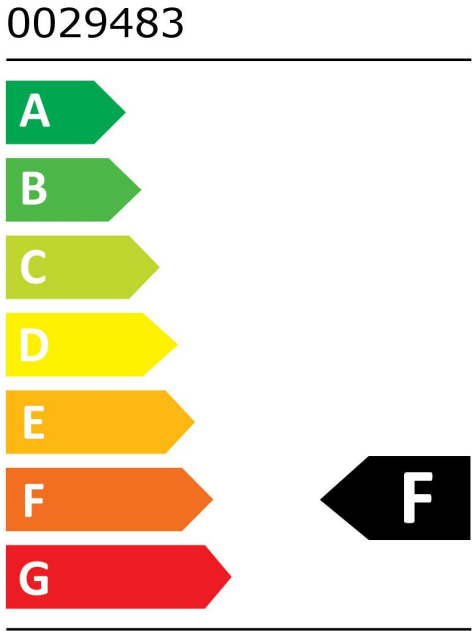
Energy label



5 kWh/1000h



2019/2015



5 kWh/1000h



2019/2015