

## ToLEDo Retro Ball

ToLEDo RT Ball V3 CL 470LM 827 E27 SL

0027248



### Product features

- Perfect for decorative and general lighting applications and creates a warm ambiance similar to traditional lamps
- The versatile ToLEDo Retro candle ball is the ideal replacement for incandescent lamps and perfect for chandeliers and decorative applications.
- Same look, size and functionality as incandescent lamps.
- Omni-directional light distribution.
- A++ energy rating - up to 105 lm/W.
- Suitable for replacement of 37W incandescent lamps.
- Gives same sparkling light effect as incandescent lamp.
- 89% energy saving.
- Dimensionally identical to incandescent lamps - fits all fixtures
- Environment friendly - no mercury and lower CO2 emissions.
- Color temperature - 2700K Homelight



## PRODUCT OVERVIEW

|                                 |                                       |
|---------------------------------|---------------------------------------|
| IPC Code                        | 0027248                               |
| Product name                    | ToLEDo RT Ball V3 CL 470LM 827 E27 SL |
| Technology                      | LED                                   |
| Watt (Rated) (W)                | 4.5                                   |
| Cap/Base                        | E27                                   |
| Fixture rating                  | Open                                  |
| General application             | Hospitality, Residential & Consumer   |
| Certifications                  | EUTIE103                              |
| ETIM Class                      | EC001959                              |
| E-number FI                     | 4740424                               |
| E-number SE                     | 8295066                               |
| Luminous flux (lm)              | 470                                   |
| Colour temperature (K)          | 2700                                  |
| Light colour                    | Homelight                             |
| CRI (Ra)                        | 80                                    |
| Colour Variation Initial (SDCM) | 6                                     |
| Colour Consistency (SDCM)       | 6                                     |
| Beam Angle (°)                  | 300                                   |
| Wattage (W)                     | 4.5                                   |
| Product Voltage (V)             | 230                                   |
| Average life (Nominal) (h)      | 15000                                 |
| Product EAN number              | 5410288272481                         |
| Chromaticity coordinate Y       | -1                                    |

## DATA TABLE

### General data

|                     |                                       |
|---------------------|---------------------------------------|
| IPC Code            | 0027248                               |
| Product name        | ToLEDo RT Ball V3 CL 470LM 827 E27 SL |
| Technology          | LED                                   |
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|                                  |          |
|----------------------------------|----------|
| Operating temperature rated (°C) | 25       |
| Certifications                   | EUTIE103 |
| ETIM Class                       | EC001959 |
| E-number FI                      | 4740424  |
| E-number SE                      | 8295066  |

### 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         |
| Colour Consistency (SDCM)                    | 6         |
| Adjustable chromaticity                      | N         |
| Beam Angle (°)                               | 300       |
| Beam angle (Rated) (°)                       | 300       |
| Lumen maintenance at end of nominal life (%) | 70        |

### Electrical data

|                                                   |         |
|---------------------------------------------------|---------|
| Wattage (W)                                       | 4.5     |
| Starting time (max) (s)                           | 0.5     |
| Warm-up time to 60% of full light (max) (s)       | 1       |
| Product Voltage (V)                               | 230     |
| Lamp power factor                                 | 0.5     |
| No. Of switching cycles before premature failures | 50000   |
| Lamp Energy Label (class)                         | A++     |
| kWh per 1000 hours burning time                   | 5       |
| Nominal Frequency (Hz)                            | 50/60Hz |

### Lifetime data

|                            |       |
|----------------------------|-------|
| Average life (Nominal) (h) | 15000 |
| Average life (Rated) (h)   | 15000 |

### Physical data

|                               |      |
|-------------------------------|------|
| Nominal Product Length (mm)   | 78   |
| Nominal Product Diameter (mm) | 45   |
| Weight (kg)                   | 0.02 |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288272481  |
| Packaging single length / height (cm) | 9.8            |
| Packaging single width (cm)           | 4.8            |
| Packaging single depth (cm)           | 4.8            |
| DUN14 (inner)                         | 25410288272485 |
| Units per inner package               | 6              |

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|                                      |                |
|--------------------------------------|----------------|
| Packaging inner length / height (cm) | 15.3           |
| Packaging inner width (cm)           | 11.1           |
| Packaging inner depth (cm)           | 10.6           |
| DUN14 (outer)                        | 15410288272488 |
| Units per outer package              | 60             |
| Packaging outer length / height (cm) | 54.7           |
| Packaging outer width (cm)           | 33.1           |
| Packaging outer depth (cm)           | 14.0           |

### Safety data

|                                     |                                            |
|-------------------------------------|--------------------------------------------|
| Breakage cleaning instructions      | Not applicable                             |
| Special purpose lamp                | No                                         |
| Intended purpose                    | No                                         |
| Dry applications use only           | Yes                                        |
| Suitable for household illumination | Yes                                        |
| Safety message                      | Not Suitable for totally enclosed fixtures |

